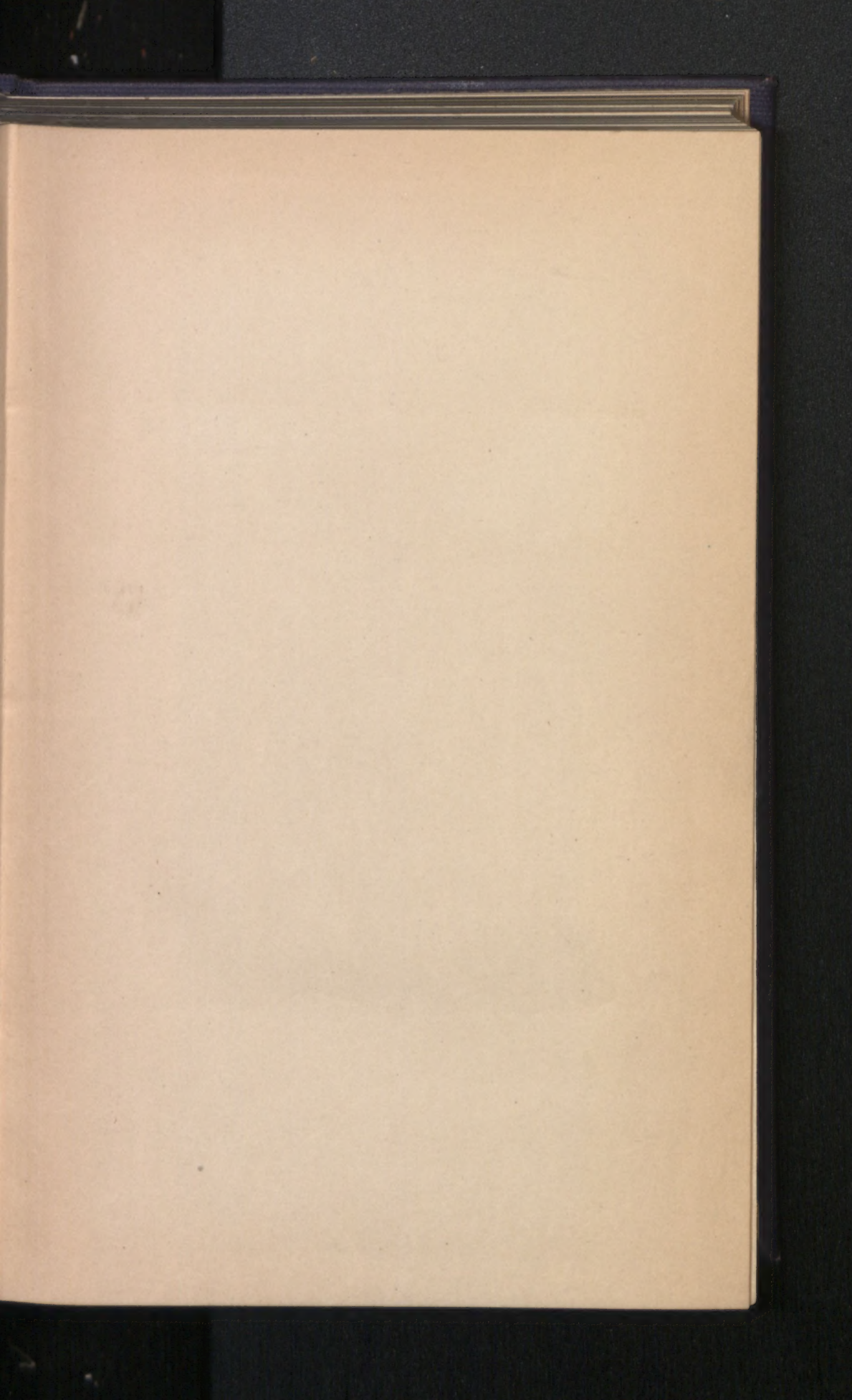




22

President's Office











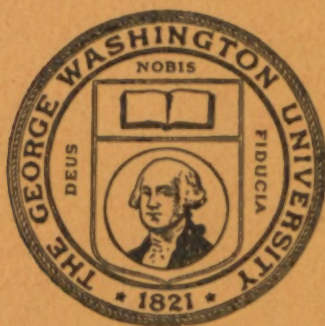
VOLUME XXI

5654  
68  
NUMBER I

# George Washington University Bulletin

CATALOGUE NUMBER

MARCH, 1922



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JUNE, OCTOBER AND DECEMBER

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WASHINGTON, D. C.



George Washington University  
Bulletin

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MARCH, 1922

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CATALOGUE NUMBER

MARCH 1911



## CONTENTS

### GENERAL:

	PAGE
Calendar .....	3-4
Trustees .....	5-6
University Council .....	7
Administrative Officers .....	8
President's Council .....	9
History and Organization .....	10-11

## ERRATA

### PAGE 8:

*For*

Teachers College  
William Cline Borden, M. D., Dean.

*Read*

Teachers College  
William Carl Ruediger, Ph. D., Dean

### PAGE 55:

*For*

Chemical Course leading to the degree of  
Bachelor of Science in Architecture

*Read*

Chemical Course leading to the degree of  
Bachelor of Science in Chemistry

Courses of Instruction .....	66-117
Summer School .....	118-131
Department of Medicine .....	132-192
Medical School .....	132-182
School for Nurses .....	183-187
School of Pharmacy .....	188-192
Law School .....	193-212

George Washington University

Bulletin

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MARCH 1911



## CONTENTS

### GENERAL:

	PAGE
Calendar .....	3-4
Trustees .....	5-6
University Council .....	7
Administrative Officers .....	8
President's Council .....	9
History and Organization .....	10-11
Library .....	11-12
Student Activities .....	12

### DEPARTMENTS OF THE UNIVERSITY:

Department of Arts and Sciences .....	13-117
The School of Graduate Studies .....	18-23
The Colleges .....	24-40
Columbian College .....	41-48
College of Engineering .....	49-58
Teachers College .....	59-61
Schedule of Classes in Columbian and Teachers Colleges .....	62-66
Courses of Instruction .....	66-117
Summer School .....	118-131
Department of Medicine .....	132-192
Medical School .....	132-182
School for Nurses .....	183-187
School of Pharmacy .....	188-192
Law School .....	193-212

STUDENTS:	PAGE
Department of Arts and Sciences .....	215-290
School of Graduate Studies .....	215-228
Columbian College .....	228-261
College of Engineering .....	261-270
Teachers College .....	270-276
Summer School .....	276-289
Summary .....	290
Medical School .....	291-293
College of Pharmacy .....	294
Law School .....	295-333
Geographical Distribution .....	334
General Summary .....	335
Degrees Conferred in 1921-22 .....	336-349
Allied Associations .....	350-351
Directory .....	352-356
Index .....	357



1922							1923													
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STUDENTS:	PAGE
Department of Arts and Sciences .....	215-290
School of Graduate Studies .....	215-228
Columbian College .....	228-261
College of Engineering .....	261-270
Teachers College .....	270-276
Summer School .....	276-289
Summary .....	290
Medical School .....	291-293
College of Pharmacy .....	294
Law School .....	295-333
Geographical Distribution .....	334
General Summary .....	335
Degrees Conferred in 1921-22 .....	336-349
Allied Associations .....	350-351
Directory .....	352-356
Index .....	357



1922							1923													
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## UNIVERSITY CALENDAR

1922		
January	30	<i>Monday</i> —Second half-year begins.
February	14	<i>Tuesday</i> —Doctorate Disputation.
February	19	<i>Sunday</i> —Winter Convocation Sermon.
February	22	<i>Wednesday</i> —Winter Convocation. A holiday in all departments of the University.
April	14-17	<i>Friday to Monday, both inclusive</i> —Easter Holidays.
April	24	<i>Monday</i> —Last day on which theses of candidates for the Doctorate degree at Commencement may be presented.
April	25	<i>Tuesday</i> —Davis Prize Speaking.
May	22	<i>Monday</i> —Last day on which theses of candidates for the Engineering and Master's degrees may be presented.
May	24	<i>Wednesday</i> —Final examinations, Department of Arts and Sciences, begin.
May	29	<i>Monday</i> —Doctorate Disputation.
May	30	<i>Tuesday</i> — <i>Decoration Day</i> —A holiday in all departments of the University.
May	31	<i>Wednesday</i> —Annual meeting of the Board of Trustees.
June	4	<i>Sunday</i> —Baccalaureate Sermon.
June	7	<i>Wednesday</i> —Commencement.
June	15-24	Registration for the Summer School.
June	19	<i>Monday</i> —Instruction begins in the three-credit courses coming at seven forty-five A. M., and in all afternoon classes in the Department of Arts and Sciences and in all classes in the summer session of the Law School.
June	26	<i>Monday</i> —Instruction begins in the two-credit courses coming in the forenoon in the Department of Arts and Sciences.
September	27	<i>Wednesday</i> —Academic year begins in all departments of the University.
October	10	<i>Tuesday</i> —Last day on which theses of candidates for the Engineering and Master's degrees at the Fall Convocation may be presented.
October	11	<i>Wednesday</i> —Stated meeting of the Board of Trustees.
October	26	<i>Thursday</i> —Fall Convocation.
November	23-25	<i>Thursday to Saturday, both inclusive</i> —Thanksgiving Recess.

RECESS FROM DECEMBER 23, 1922, TO JANUARY 2, 1923,  
BOTH INCLUSIVE

1923		
January	5	<i>Friday</i> —Last day on which theses of candidates for the Doctorate degree at the Winter Convocation may be presented.
January	10	<i>Wednesday</i> —Stated meeting of the Board of Trustees.
January	22	<i>Monday</i> —Mid-year examinations, Department of Arts and Sciences, begin.

# UNIVERSITY CALENDAR—Continued

1923

January	29	<i>Monday</i> —Last day on which theses of candidates for the Engineering and Master's degrees at the Winter Convocation may be presented.
January	29	<i>Monday</i> —Second half-year begins.
February	18	<i>Sunday</i> —Winter Convocation Sermon.
February	22	<i>Thursday</i> —Winter Convocation. A holiday in all departments of the University.
March 30 to April 2		<i>Friday to Monday, both inclusive</i> —Easter Holidays.
April	10	<i>Tuesday</i> —Davis Prize Speaking.
April	23	<i>Monday</i> —Last day on which theses of candidates for the Doctorate degree at the Commencement may be presented.
May	21	<i>Monday</i> —Last day on which theses of candidates for the Engineering and Master's degrees at the Commencement may be presented.
May	23	<i>Wednesday</i> —Final examinations, Department of Arts and Sciences, begin.
May	29	<i>Tuesday</i> —Doctorate Disputation.
May	31	<i>Thursday</i> —Annual meeting of the Board of Trustees.
June	3	<i>Sunday</i> —Baccalaureate Sermon.
June	6	<i>Wednesday</i> —Commencement.
June	14-23	Registration for Summer School.
June	18	<i>Monday</i> —Summer School begins.



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William Cline Borden, M.D., Dean

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MERTON LEROY FERSON, A.M., LL.M.	<i>Dean of Law School</i>
JOHN PAUL EARNEST, A.M., LL.M.	<i>Professor of Law</i>
WILLIAM CABELL VAN VLECK, A.B., LL.B.	<i>Professor of Law</i>
WILLIAM CLINE BORDEN, M.D.	<i>Dean of the Medical School</i>
OSCAR BENWOOD HUNTER, A.B., M.D.,	<i>Professor of Bacteriology and Pathology</i>
HENRY E. KALUSOWSKI, M.D., Phar.D.,	<i>Dean of the Pharmacy School</i>

### Committees of the President's Council

- Catalogue and Other Publications*—The President, the Secretary, Professors WILBUR and RUEDIGER.
- Admissions*—President HODGKINS, Professors RUEDIGER and WILBUR.
- Commencement Exercises*—The President, the Secretary, and the Treasurer, Professors SWETT, HORNADAY, DOYLE, McNEIL and BOLWELL.
- Schedule*—President HODGKINS, Professors HENNING and RUEDIGER.
- Library*—Professors SCHOENFELD, HENNING, the Librarian.
- Summer School*—President HODGKINS, Professors RUEDIGER, HUNTER and VAN VLECK.
- Board of Managers of Student Activities*—Mr. BRYAN MORSE, (Chairman), Dr. DANIEL L. BORDEN, Mr. THOMAS L. BRADLEY, Professor H. G. DOYLE, Professor CHARLES S. COLLIER, Mr. JOHN PAUL EARNEST, Jr., and Mr. EUGENE UNDERWOOD, Jr.

## HISTORY AND PRESENT ORGANIZATION

### HISTORY

The George Washington University is the successor of the Columbian College in the District of Columbia which was chartered by an act of Congress approved February 9, 1821. In 1873 the name was changed to Columbian University and in 1904 to The George Washington University.

The first commencement of Columbian College was held on the 15th of December, 1824, with the President of the United States; the Honorable John Quincy Adams, Secretary of State; the Honorable John C. Calhoun, Secretary of War; the Honorable Henry Clay, Speaker of the House of Representatives; and General Lafayette among those present.

Work in the College was confined to the Arts and Sciences until March, 1825, when the Medical Department was established under the conduct of Dr. Thomas Sewall. The Medical Department is thus in the chronological order of establishment the seventeenth medical school in the United States. In 1826 the Law Department was founded with the Honorable William T. Carroll and Mr. Justice Cranch as its professors. Shortly afterward the school was discontinued, but was reopened in 1865. A Theological School founded also in 1826 was soon moved to Newton, Mass., where it now flourishes. On October 1, 1884, the Corcoran Scientific School, now the College of Engineering, was founded. Under Dean Charles E. Munroe the School of Graduate Studies was organized in 1893. Teachers College was started as The Division of Education in 1907. In 1919, the National College of Pharmacy, organized in 1905, as an affiliated college of the University and suspending during the last year of the war, was reopened as the School of Pharmacy, a division of the Department of Medicine, Dentistry and Pharmacy.

### EDUCATIONAL ORGANIZATION

#### Department of Arts and Sciences:

- School of Graduate Studies
- Columbian College
- College of Engineering
- Teachers College
- Summer School

#### Department of Medicine and Pharmacy:

- The Medical School
- The School of Pharmacy
- Nurses School

#### Department of Law



## ANNUAL COMMENCEMENT

The Annual Commencement is held thirty-six weeks after the last Wednesday in September. Students who have satisfied the requirements for degrees subsequent to the June Commencement may be awarded degrees at the Fall Convocation on October 26.

The Winter Convocation is held on February 22.

## UNIVERSITY ASSEMBLIES

The University Assemblies will be held from time to time, the attendance of students upon which may be required.

## THE UNIVERSITY LIBRARY

The University Library comprises the Library of the Department of Arts and Sciences, the Law Library, and the Medical Library. It contains 55,000 volumes.

In addition to its general collections the Library of the Department of Arts and Sciences contains the Library of the late Professor Richard Heinzel, of the University of Vienna, containing 7,200 books and pamphlets in Germanic philology and literature, and cognate branches; the library of the late Professor Curt Wachsmuth, of the University of Leipzig, containing 7,900 books and pamphlets in Greek and Roman literature, archaeology, and history; the Mount Vernon Alcove containing 4,000 volumes in political history, international law, and the social sciences. Besides, the library of the American Institute of Architects, consisting of 1,063 volumes and portfolios of plates and drawings, is deposited in the reading room as a loan collection, where it is accessible, also, to all local architects. The library is open from 9 a. m. to 10.30 p. m.

The Law Library, containing 7,500 volumes, is open from 8.30 a. m. to 10 p. m.

The Medical Library, containing about 3,000 volumes, is open from 9 a. m. to 9 p. m.

PRIVILEGES IN GOVERNMENTAL INSTITUTIONS OPEN TO  
UNIVERSITY STUDENTS

In order to promote research and the diffusion of knowledge, the Congress of the United States has made the scientific resources of the Government accessible to students under the terms of the following joint resolution, approved April 12, 1892:

*"Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the facilities for research and illustration in the following and any other governmental collections now existing or hereafter to be established in the city of Washington for the promotion of knowledge*

shall be accessible, under such rules and restrictions as the officers in charge of each collection may prescribe, subject to such authority as is now or may hereafter be permitted by law, to the scientific investigators and to students of any institution of higher education now incorporated or hereafter to be incorporated under the laws of Congress or of the District of Columbia, to wit:

1. Of the Library of Congress.
2. Of the National Museum.
3. Of the Patent Office.
4. Of the Bureau of Education.
5. Of the Bureau of Ethnology.
6. Of the Army Medical Museum.
7. Of the Department of Agriculture.
8. Of the Fish Commission.
9. Of the Botanic Gardens.
10. Of the Coast and Geodetic Survey.
11. Of the Geological Survey.
12. Of the Naval Observatory.

#### STUDENT ACTIVITIES

Student Activities are supported by a voluntary Student Activities Fee, subscribed to by members of the University and collectible as a regular University fee by the Treasurer. Control and direction of all student activities are vested in a Board of Managers of Student Activities, which in turn is subject to the supervision and control of the President's Council. The duties of the board are as follows:

- (a) To control and direct Student Activities.
- (b) To determine the amount of the Voluntary Student Fee.
- (c) To appropriate funds from the Student Activities Treasury.
- (d) To have final decision as to the selection of coaches or instructors for all student activities.

The Student Activities Fee was fixed by the Board at ten dollars for the academic year 1921-22.

*Delta Tau Delta Activity Award.*—The Gamma Eta Chapter of the Delta Tau Delta Fraternity awards each year to "that member of the senior class who throughout his course at George Washington University has done the most constructive work in the furtherance and upbuilding of the University Student Activities" a gold medal.



## DEPARTMENT OF ARTS AND SCIENCES

### FACULTY

- HOWARD LINCOLN HODGKINS, Ph. D., Sc. D.,  
*President of the University*
- JAMES HOWARD GORE, Ph. D., LL. D., Litt. D.,  
*Professor Emeritus of Mathematics*
- HOWARD LINCOLN HODGKINS, Ph. D., Sc. D.,  
*Dean of the Department of Arts and Sciences and of the  
College of Engineering and Professor of Mathematics*
- HERMANN SCHOENFELD, Ph. D., LL. D., *Professor of German*
- JAMES MACBRIDE STERRETT, A. M., D. D., Litt. D.,  
*Professor Emeritus of Philosophy*
- CHARLES EDWARD MUNROE, Ph. D., LL. D.,  
*Dean Emeritus of the School of Graduate Studies and  
Professor Emeritus of Chemistry*
- GEORGE PERKINS MERRILL, Ph. D., Sc. D.,  
*Professor Emeritus of Geology*
- WILLIAM ALLEN WILBUR, A. M., Litt. D.,  
*Dean of Columbian College and Professor of English*
- CHARLES CLINTON SWISHER, Ph. D., LL. D., *Professor of History*
- MITCHELL CARROLL, Ph. D.,  
*Professor of Archaeology and the History of Art*
- PAUL BARTSCH, Ph. D., *Professor of Zoology*
- GEORGE NEELY HENNING, A. M., Litt. D.,  
*Dean of the School of Graduate Studies and Professor of  
Romance Languages*
- ALBERT BURNLEY BIBB, *Professor of Architecture*
- SHEPHERD IVORY FRANZ, Ph. D., LL. D., M. D.,  
*Professor of Experimental Psychology*
- CHARLES SIDNEY SMITH, Ph. D., *Professor of Greek and Latin*
- WILLIAM CARL RUEDIGER, Ph. D.,  
*Dean of Teachers College and Professor of Educational  
Psychology*
- ALFRED FRANCIS WILLIAM SCHMIDT, A. M., *Professor of German*
- WILLIS LUTHER MOORE, Sc. D., LL. D.,  
*Professor of Applied Meteorology*
- WILLIAM JACKSON HUMPHREYS, C. E., Ph., D.,  
*Professor of Meteorological Physics*
- EDWARD ELLIOTT RICHARDSON, M. D., Ph. D.,  
*Professor of Philosophy*
- GEORGE WASHINGTON LITTLEHALES, C. E.,  
*Professor of Nautical Science*

- RAY SMITH BASSLER, Ph. D. .... *Professor of Geology*  
 ROBERT RUSS KERN, A. B. .... *Professor of Economics and Sociology*  
 DE WITT CLINTON CROISSANT, Ph. D. .... *Professor of English*  
 JOAQUIN DE SIQUEIRA COUTINHO, Kt., Sc. D.,  
     *Professor of Portuguese Language and Literature*  
 LOUIS COHEN, Ph. D. .... *Professor of Radio-Electricity*  
 ISRAEL SCHAPIRO, Ph. D.,  
     *Professor of Semitic Languages and Literature*  
 TRUMAN MICHELSON, Ph. D. .... *Professor of Ethnology*  
 CHARLES EDWARD HILL, Ph. D. .... *Professor of Political Science*  
 JOHN THOMAS ERWIN, A. M. .... *Professor of Mathematics*  
 HIRAM COLVER MCNEIL, Ph. D. .... *Professor of Chemistry*  
 OTIS DOW SWETT, S. M., LL. M. .... *Professor of Chemistry*  
 JOHN RAYMOND LAPHAM, M. S. in C. E.,  
     *Professor of Civil Engineering*  
 EUGENE R. WHITMORE, B. S., M. D., Dr. P. H.,  
     *Professor of Preventive Medicine*  
 OWEN B. FRENCH, C. E. .... *Professor of Surveying*  
 THOMAS BENJAMIN BROWN, Ph. D. .... *Professor of Physics*  
 HENRY GRATTAN DOYLE, A. M. .... *Professor of Romance Languages*  
 FRANK A. HITCHCOCK, B. S. in C. E.,  
     *Professor of Applied Mathematics*  
 ROBERT F. GRIGGS, Ph. D. .... *Professor of Botany*  
 HUGH MILLER, C. E. .... *Professor of Civil Engineering*  
 WILLIAM PARTRIDGE .... *Professor of Architecture*  
 GEORGE MORTON CHURCHILL, Ph. D. .... *Professor of History*  
 LEVI RUSSELL ALDEN, A. M., LL. B. .... *Professor of Commercial Law*  
 JOHN DONALDSON, Ph. D., .... *Professor of Commerce*  
 ANNA LORETTE ROSE, A. B. .... *Dean of Women and Registrar*  
 NEVIL MONROE HOPKINS, Ph. D. .... *Assistant Professor of Chemistry*  
 EDWIN ALLSTON HILL, Ph. D. .... *Assistant Professor of Chemistry*  
 CLARENCE CAMERON KOCHENDERFER, A. M.,  
     *Assistant Professor of Commerce*  
 LOUIS EUGENE MCARTHUR, A. M. .... *Assistant Professor of History*  
 HARRY GRANT HODGKINS, A. B. .... *Assistant Professor of Mathematics*  
 ELMER LOUIS KAYSER, A. M.,  
     *Secretary of the University and Assistant Professor of*  
     *History*  
 ROBERT WHITNEY BOLWELL, Ph. D. .... *Assistant Professor of English*  
 WALTER L. CHENEY, Ph. D. .... *Assistant Professor of Physics*  
 JAMES H. PLATT, B. M. E.,  
     *Assistant Professor of Mechanical Engineering*  
 CHARLES ELMER RESSER, Ph. D. .... *Assistant Professor of Geology*  
 DELOS HAMILTON SMITH, M. S. .... *Assistant Professor of Architecture*



- HAROLD GRIFFITH SUTTON, A. B., M. S.,  
*Assistant Professor of Economics*
- FRED AUGUST MOSS, A. M. *Assistant Professor of Psychology*
- GEORGE W. PHILLIPS, B. S. in Chem.,  
*Assistant Professor of Chemistry*
- CECIL KNIGHT JONES, B. Litt. *Assistant Professor of Spanish*
- NORMAN B. AMES, B. S. in E. E.,  
*Assistant Professor of Electrical Engineering*
- CHARLES HERBERT STOCKTON, LL. D. *Lecturer on International Law*
- FREDERICK EUGENE FOWLE, JR., S. B. *Lecturer on Astro-Physics*
- WILLARD STANTON SMALL, Ph. D. *Lecturer on Education*
- JULIA THECKLA MACMILLAN, S. M. *Instructor in Zoology*
- CHARLES EDWIN VAN ORSTRAND, S. M.,  
*Lecturer on Mathematical Physics*
- MARIETTA STOCKARD ALBION, A. B.,  
*Lecturer on the Teaching of Children's Literature*
- EDWARD CULLOM, A. M. *Instructor in French*
- RALPH E. MYERS, A. M., M. D. *Instructor in Bio-Chemistry*
- WALDO LASALLE SCHMITT, S. B., A. M. *Instructor in Zoology*
- GERTRUDE RICHARDSON BRIGHAM, Ph. D.,  
*Instructor in Archaeology and History of Arts and in English*
- FRANK MCGINLEY PHILLIPS, Ph. D. *Instructor in Statistics*
- DANIEL A. CHACE, A. B. *Instructor in Journalism*
- CHARLES FREDERICK KRAMER, A. M. *Instructor in French*
- JOSEPH HENRY WILSON, B. S. in M. E.,  
*Instructor in Mechanical Drawing*
- GUS KILTON PATISON, A. B. *Instructor in Romance Languages*
- MERLE I. PROTZMAN, A. M. *Instructor in Romance Languages*
- BENJAMIN C. CRUIKSHANKS, B. S. in M. E.,  
*Instructor in Mechanical Engineering*
- GREGORY HANKIN, A. M. *Instructor in Mathematics*
- HERBERT A. EHRMAN, B. S. in M. E.,  
*Instructor in Mechanical Drawing*
- ANGEL C. VASQUEZ *Instructor in Spanish*
- AIDA MARY DOYLE, M. S. *Instructor in Chemistry*
- MARGARET B. EVANS, B. S. *Instructor in Domestic Science*
- HENRY ALBERT LEPPER, B. S. in Chem. *Instructor in Chemistry*
- BONIFANT HAMILTON, B. S. in Chem. *Instructor in Chemistry*
- J. NORMAN TAYLOR, B. S. in Chem. *Instructor in Chemistry*
- PETER VALEAR, M. S. *Instructor in Chemistry*
- JOHN FRANKLIN MEYER, Ph. D., Sc. D. *Lecturer in Electricity*
- EDGAR SYDENSTRICKER *Lecturer on Vital Statistics*

## SCHOOL OF GRADUATE STUDIES

### HIGHER DEGREES

The higher degrees conferred in course by the University in this Division of the Department of Arts and Sciences are Master of Arts (A. M.), Master of Science (M. S.), Civil Engineer (C. E.), Electrical Engineer (E. E.), Mechanical Engineer (M. E.), and Doctor of Philosophy (Ph. D.).

### ADMISSION

Candidates for admission to courses for higher degrees must make application to the Dean of the School of Graduate Studies on application blanks, which may be obtained of him. Candidates must present certificates of the degrees they hold from the institutions conferring such degrees. Until such certificates are presented, registration is merely provisional. Candidates requesting advanced standing must present detailed certificates of the work for which they ask credit.

### CHANGE OF COURSE AND WITHDRAWAL

Students desiring to change any course or to withdraw should consult the Dean.

### DEGREES OF MASTER OF ARTS AND MASTER OF SCIENCE

To be admitted to candidacy for the Master's degree a student must have completed a liberal undergraduate course of study such as is required by colleges of good standing antecedent to the baccalaureate degree. The Faculty of Graduate Studies reserves the right to decide in all cases whether the antecedent training fulfills the requirements. Moreover, the course of study pursued must have been such as to qualify the candidates for pursuing the subjects chosen for the Master's or other higher degree sought. In seeking admission the applicant must state whether he desires to obtain the Specialist degree or the Liberal Culture degree.

The Specialist degree is designed for students who propose to specialize in their work. Such candidates are required to complete one major and two minor subjects selected from properly correlated and approved University subjects amounting to twenty-four semester-hours, and to present a satisfactory thesis. One of the minor topics may be selected from the University subject which includes the major topic. The major topic shall cover not less than nine nor more than twelve semester-hours, excluding the thesis; a minor topic, not less than six nor more than nine.

The Liberal Culture degree is designated for students who do



not intend to specialize in their work. Such candidates are required to complete a course of study amounting to not less than twenty-four semester-hours of work distributed among three approved University subjects, and to present a satisfactory thesis. The major topic shall cover not less than nine nor more than twelve semester-hours, excluding the thesis; a minor topic, not less than six nor more than nine.

A candidate for a Master's degree in Arts, Science or Engineering, must present a thesis in his major subject. The thesis, which counts six semester-hours towards the degree and is charged for at the same rates as courses, must be registered for by the candidate, preferably at the time of original registration. The choice of the thesis-subject must be approved by the Professor in charge of the major, and the student is expected to consult him frequently in regard to the progress of work on the thesis. The thesis in its final form must have the approval of the Professor in order to count towards the degree. Attention is also called to "Regulations Regarding Theses," below.

A candidate for a Master's degree must pass at least one full year in residence and study at this University. The residence requirement may be satisfied by passing one full semester and one summer session of nine weeks, or three summer sessions of nine weeks each, at the University. No work done in satisfaction of the requirements for the Bachelor's degree shall be counted again for a higher degree. Under no circumstances may courses in the First Section, "Primarily for undergraduates," be counted toward any higher degree, though a graduate student may be allowed to take them without receiving academic credit.

Part of the work for the Master's degree may be taken in the Medical School or the Law School, but work so taken can not be counted both towards the Master's degree and a degree in Medicine or Law. A candidate for the Master's degree may not take all his work in the Medical School or the Law School except by permission of the Dean of the School of Graduate Studies.

Advanced work done in other institutions of learning may be credited toward the Master's degree in this University, to the extent of not more than twelve semester-hours. No work, whether done here or at other institutions, will be credited toward the Master's degree unless the student attains at least grade "C" or its equivalent on such work.

Work for which the Master's degree has been awarded may be credited as one year of work toward the degree of Doctor of Philosophy, provided that it be in the same field of work.

Attention is called to "Regulations Regarding Theses," below.

officially connected with the University. Before the candidate shall be permitted to undertake the defense of his thesis, the thesis must have been favorably reported on and recommended for defense by the professor having supervision over the candidate's major topic, and by a co-referee appointed from the Faculty of Graduate Studies. In case of disagreement between the professor in charge and the co-referee, the student must revise his thesis until it meets the approval of both.

#### UNIVERSITY SUBJECTS

The subjects from which the candidate's selection may be made, as the Faculty may determine in each case, are as follows:

Applied Mathematics, Archaeology, Anatomy, Architecture, Astronomy, Astro-Physics, Bacteriology, Botany, Chemistry, Civil Engineering, Commerce, Economics, Education, Electrical Engineering, Ethnology, Embryology, English, Ethics, French, Geology and Mineralogy, Germanic Languages and Literature, Greek Language and Literature, Gynecology, Histology, Hydraulic Engineering, History, History of Art, International Law and Diplomacy, Latin Language and Literature, Law, Mathematics, Mechanical Engineering, Meteorology, Microscopy, Nautical Science, Paleontology, Pathology, Philosophy, Physics, Physiology, Pharmacology, Political Sciences, Preventive Medicine, Psychiatry, Psychology, Romance Languages and Literatures, Semitics, Sociology, Spanish, Zoology.

#### REGULATIONS REGARDING MASTERS' AND DOCTORS' THESES

All these for each degree sought must, in their final form, be presented to the Dean by the dates announced in the University Calendar. They must previously have been typewritten on official thesis paper, which may be obtained from the Treasurer of the University. The title-page must read: [Title] by [name of candidate], a thesis submitted to the Faculty of graduate studies of George Washington University in part satisfaction of the requirements for the degree of [name of degree]. [Date.]

The Dean will present theses to the Chairman of the Committees on the candidates; doctoral theses will further be submitted for examination to the co-referees appointed from the Faculty. Accepted theses, with their accompanying drawings, are the property of the University, and will be deposited in the University Library, but the authors of them are permitted to make copies. The candidate for the degree of Doctor of Philosophy is expected to print his thesis under the supervision of the professor in charge of his major subject, within one year after the degree is granted,



and he is expected to present one hundred copies to the University, to be distributed among institutions of learning.

#### DOCTORATE DISPUTATIONS

The Fortieth Doctorate Disputation was held publicly on May 31, 1921. The theses that were successfully defended, the candidates, and the members of the boards of experts were as follows:

*Thesis:* Hydrogen ion concentration and acidity of cornmeal undergoing spoilage. By Carl D. Garby, B. S. in Chemical Engineering, University of Idaho, 1914. Before Charles Thom, Ph. D., in charge Microbiological Laboratory Bureau of Chemistry, U. S. Department of Agriculture; Lorin H. Bailey, B. S., Bureau of Chemistry, U. S. Department of Agriculture; Dr. Edgar T. Wherry, Ph. D., Bureau of Chemistry, U. S. Department of Agriculture. Hiram Colver McNeil, Ph. D., Professor of Chemistry, presiding.

*Thesis:* Manufacture and properties of steel plates containing zirconium and other elements. By Raymond West Woodward, B. S. 1914, Trinity College, Conn.; M. S. 1915, Trinity College. Before George K. Burgess, Sc. D., Physicist and Chief Division of Metals, Bureau of Standards; L. H. Adams, B. S., Physical Chemist, Geophysical Laboratory, Carnegie Institution; Robert B. Sosman, Ph. D., Physicist, Geophysical Laboratory, Carnegie Institution. Hiram Colver McNeil, Ph. D., Professor of Chemistry, presiding.

The Forty-first Doctorate Disputation was held publicly on October 18, 1921. The thesis that was successfully defended, the candidate, and members of the board of experts were as follows:

*Thesis:* Memory defects in organic psychoses. By Carl Johan Edward Liljencrants, A. M. 1913, Loyola College; S. T. B. 1915, S. T. D. 1918, Catholic University. Before Mildred E. Sheetz, M. D., Senior Assistant Physician, St. Elizabeth's Hospital; Percy Hickling, M. D., Professor of Neurology, Georgetown University; Loren T. Johnson, M. D. Shepherd Ivory Franz, Ph. D., Professor of Experimental Psychology, presiding.

The Forty-second Doctorate Disputation was held publicly on February 14, 1922. The thesis successfully defended, the candidate, and the members of the board of experts were as follows:

*Thesis:* Paleocene primates of the Fort Union. By James Williams Gidley, B. S. 1888, Princeton University; M. S. 1890, Princeton University. Before T. S. Palmer, M. D., Expert in Game Conservation, Bureau of Biological Survey, U. S. Department of Agriculture; F. H. Knowlton, Ph. D., Geologist, U. S. Geological Survey; Gerritt S. Miller, A. B., Curator, Division of Mammals, U. S. National Museum. Ray Smith Bassler, Ph. D., Professor of Geology, presiding.

## GROUP I, DRAMA

Shakespeare: Julius Cæsar, Macbeth, or Hamlet.

## GROUP II, POETRY

Milton: L'Allegro, Il Penseroso, and either Comus or Lycidas.  
Tennyson: The Coming of Arthur, The Holy Grail, and The Passing of Arthur.

The selections from Wordsworth, Keats and Shelley in Book IV of Palgrave's Golden Treasury (First Series).

## GROUP III, ORATORY

Burke: Speech on Conciliation with America.  
Macaulay's Two Speeches on Copyright, and Lincoln's Speech at Cooper Union.  
Washington's Farewell Address and Webster's First Bunker Hill Oration.

## GROUP IV, ESSAYS

Carlyle: Essay on Burns, with a selection from Burns' Poems.  
Macaulay: Life of Johnson.  
Emerson: Essay on Manners.

A test on the books prescribed under the *Study* groups will consist of questions upon their content, form, and structure, and upon the meaning of such words, phrases, and allusions as may be necessary to an understanding of the works and an appreciation of their salient qualities of style. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

For the George Washington University Scholarship Entrance Examinations the books for *Reading* and *Study* will be the required English of the Washington High Schools.

## LATIN

*Elementary (two units)*

a. I. Latin Grammar: The inflections; the simpler rules for composition and derivation of words; syntax of cases and the verb; structure of sentences in general, with particular regard to relative and conditional sentences, indirect discourse, and the subjunctive.

II. Latin Prose Composition: Translation into Latin of detached sentences and easy continuous prose based on Caesar.

b. Cæsar: Any four books of the Gallic War, preferably the first four.

*Advanced (two units)*

a. Cicero: Any six orations from the following list, but preferably the first six mentioned. The four orations against Catiline,



Archias, the Manilian Law, Marcellus, Rosius, Milo, Sestius, Ligarius, the Fourteenth Philippic.

b. Virgil: The first six books of *Æneid*.

c. Advanced Prose Composition, consisting of continuous prose of moderate difficulty based on Cicero.

d. Sight Translation, based on prose of no greater difficulty than the easier portions of Cicero's orations.

### GREEK

#### *Elementary (two units)*

a. I. Greek Grammar: The topics of the examination in Greek grammar are similar to those detailed under Latin grammar.

II. Greek Prose Composition, consisting principally of detached sentences to test the candidate's knowledge of grammatical constructions. The examination in grammar and prose composition will be based on the first two books of Xenophon's *Anabasis*.

b. Xenophon: The first four books of the *Anabasis*.

#### *Advanced (one unit)*

a. Homer: The first three books of the *Iliad* (omitting II, 494, to end).

b. Sight Translation, based on prose of no greater difficulty than Xenophon's *Anabasis*.

### FRENCH

#### *Elementary (two units)*

Candidates in Elementary French must have a good knowledge of the essential parts of grammar, with stress on pronouns and on regular verbs and the common irregular verbs. They must know the principles of pronunciation; must be able to translate simple English sentences or easy connected prose into French, and to translate accurately ordinary modern French prose. Candidates must have translated not less than 450 duodecimo pages by at least four different authors, of which amount at least one-third must be history. Candidates must have had a two-years' course of five periods per week.

#### *Advanced (two units)*

Candidates in advanced French must have partly translated, partly read, in addition to the requirements for Elementary French, at least 1,000 pages of difficult French of several different authors, including history, fiction, drama, and poetry. Candidates must have had a four-years' course of five periods per week.

Fraser and Squair's French Grammar or Grandgent's Essentials of French Grammar is recommended.

pyramids, and the regular solids; of cylinders, cones, and spheres; of spherical triangles and the measurement of surfaces and solids.

*Plane Trigonometry (one-half unit)*

The definitions and relations of the six trigonometrical functions as ratios, proof of important formulas, theory of logarithms and use of tables, solution of right and oblique plane triangles.

**PHYSICS**

*(One unit)*

It is recommended that the candidate's preparation should include:

- a. Individual laboratory work, comprising at least thirty-five exercises well distributed over the subjects of physics.
- b. Instruction by lecture-table demonstrations.
- c. The study of at least one standard text-book, supplemented by the use of many and varied numerical problems. The metric system should be familiar to the student.

The laboratory note-book must be submitted for inspection, whether the candidate is admitted on certificate or by examination.

**CHEMISTRY**

*(One unit)*

The candidate's preparation in chemistry should include:

- a. Individual laboratory work, comprising at least forty experiments of a character analogous to those set forth by the College Entrance Examination Board. The laboratory note-book must be submitted for inspection.
- b. Instruction by lecture-table demonstrations.
- c. The study of at least one modern text-book.

*Requirements.*—The ground to be covered should include the following: The chief physical and chemical characteristics, the isolation and the recognition of the following elements and the preparation and study of their principal compounds: *Oxygen, hydrogen, carbon, nitrogen, chlorine, bromine, iodine, fluorine, sulphur, phosphorus, silicon, potassium, sodium, calcium, magnesium, zinc, copper, mercury, silver, aluminum, lead, tin, iron, manganese, chromium.*

The more detailed study should be confined to the italicized elements (as such) and to a restricted list of compounds, such as water, hydrochloric acid, carbon monoxide, carbon dioxide, oxides of nitrogen, nitric acid, ammonia, sulphur dioxide, sulphuric acid, hydrogen sulphide, sodium hydroxide, ammonium hydroxide.

Attention should be given to the atmosphere (constitution and



relation to animal and vegetable life), flame, acids, bases, salts, oxidation and reduction, crystallization, combining proportions by weight and volume, calculations founded on these and on Boyle's and Charles' laws, symbols, formulas, equations and nomenclature, atomic theory, atomic weights, nascent state, natural groups of the elements, solution (solvents and solubility of gases, liquids, and solids), strength of acids and bases, conservation and dissipation of energy, chemical energy and electrolysis, and of valence, electrolytic dissociation, osmosis, mass action in a very elementary way. Chemical terms should be clearly understood, and the student should be able to illustrate and apply the ideas that they embody. The theoretical topics are not intended to form separate subjects of study, but to be taught only so far as is necessary for the correlation and explanation of the experimental facts. The facts should be given as examples from various classes and not as isolated things.

#### ADDITIONAL SUBJECTS

Certificates will be accepted in botany, zoology, physiology, physiography, political economy, drawing, music, and other accredited subjects in secondary schools.

##### *Manual-training High School Subjects*

Technical subjects in manual-training high schools, or schools of similar grade, when duly certified, will be credited as follows:

Shopwork (not exceeding two units), domestic science and domestic art (not exceeding two units).

##### *Business High School Subjects*

Commercial subjects in business high schools or schools of similar grade, when duly certified, will be credited to the extent of four units.

#### ADMISSION TO ADVANCED STANDING

Due credit is given for properly certified courses of study pursued in other colleges and universities.

#### SPECIAL STUDENTS

All the courses of instruction are open to students of suitable age and attainments who wish, without reference to any degree, to pursue special studies. Candidates must show that they are familiar with the subjects preliminary to the studies which they wish to pursue.

often as vacant, to a young woman of the Protestant faith and of the Caucasian race who shall be selected for scholarship and moral qualifications.

*The David Spencer Scholarship Fund.*—This fund was established by a bequest from Louisa J. Spencer. The income is used to aid in defraying the expenses of students who meet certain conditions established by the terms of the bequest.

*Admiral Powell Endowment.*—The Admiral Powell Endowment was made by Admiral Levin M. Powell, U. S. Navy. The income from this endowment is for the "free education of such young men as may desire to take advantage of the said endowment by way of their preparation for entrance into the Naval Academy at Annapolis, Maryland, or such as may fit them to become mates or masters in the Merchant Marine Service of the United States," and of "such apprentices as, having filled their time in the great steam manufactory establishments of the country, may apply for appointment from civil life in the Steam Engineer Department of the United States Navy." The number of scholarships awarded each year will be determined by the income from the endowment. Each scholarship will entitle the beneficiary to free tuition for one year. Such special courses of study are offered to each student as will give him the instruction needed to accomplish the purpose for which he is awarded the scholarship.

These scholarships are especially applicable to those who intend to come up for examination as warrant officers in the Engineer Department of the Navy, to warrant officers who are preparing for examination for appointment as Ensign, to persons desiring to enter the Navy as Acting Ensigns for engineering duty, or to those who desire to fit themselves for responsible positions in the mercantile marine.

The subjects to be taken by a student will vary according to his preparation and according to the purpose for which he has been awarded the scholarship, but a year's work can be selected from the following topics:

	<i>Hours</i>
Navigation and Nautical Astronomy.....	4
Algebra and Geometry.....	6
Trigonometry .....	3
Mechanical and Machine Drawing.....	8
English .....	6
French .....	6
German .....	6
Spanish .....	6
International law .....	6



Commercial Geography .....	6
Boilers and Power Plants .....	3
Mechanical Laboratory .....	4
Electrical Engineering .....	6

*Ministerial Aid.*—The University authorizes the remission of a stated amount in tuition fees, to be called Ministerial Aid, which may be given to students, resident in the District of Columbia or its immediate vicinity in the regular courses of Columbian College, preparing for the ministry and not yet ordained. Any student receiving Ministerial Aid may be called upon for clerical or like work to the extent of not more than one hour a week for every twelve dollars of tuition remitted, and of not more than four hours in any one week.

*University Aid.*—The University authorizes the remission of a stated amount in tuition fees, to be called University Aid, which may be loaned to undergraduate students in regular courses in the Departments of Arts and Sciences, whose circumstances warrant pecuniary assistance. Any student receiving University Aid is expected to repay it as soon as possible. In occasional instances he may be enabled, while still a student, to repay it in part or whole through clerical or like service rendered the University.

### PRIZES

(Only candidates for degrees may compete for these prizes)

*Staughton and Elton Prizes.*—The Staughton Prize, for excellence in the Latin Language and Literature, and the Elton Prize, for excellence in the Greek Language and Literature, founded by the Rev. Romeo Elton, D. D., of Exeter, England, consist of two gold medals, annually awarded to the best scholar in each of these languages.

*Ruggles Prizes.*—The Ruggles Prizes, for excellence in Mathematics, founded by Professor William Ruggles, LL. D., consist of two gold medals, annually awarded upon examination to the best two scholars in Mathematics.

*Davis Prizes.*—The Davis Prizes were founded by Hon. Isaac Davis, of Massachusetts, in 1847. The original endowment was five hundred dollars, "proceeds of which will afford three premiums, in cash or gold medals, of the value of five dollars, ten dollars, and of fifteen dollars annually—these premiums or prizes to be distributed annually to such members of the Senior Class as shall have made the greatest progress in elocution since their connection with the College." Only members of the Senior Class are eligible to compete for these prizes.

*Daughters of the American Revolution Prize.*—This prize, founded by the Daughters of the American Revolution of the District of Columbia, consists of a gold medal, awarded annually to the student in the graduating class who, having maintained a high standing in the several courses in History offered by the University, shall produce the best essay upon an assigned topic of American history.

*The Thomas F. Walsh Prize.*—This prize, established by Thomas F. Walsh, Esq., of Colorado, and based upon the income of one thousand dollars, consists of a gold medal awarded annually to that student of the graduating class who, having maintained a high standard in the several courses in History, shall produce the best essay upon a designated period of the History of England in its association with the History of Ireland.

*E. K. Cutter Prize.*—The E. K. Cutter Prize in English was founded by the late Marion Kendall Cutter. The endowment is a fund of one thousand dollars, the income of which is given annually as a prize "for excellence in the study of English." The prize will be awarded to the member of the graduating class whose record in English, combined with general excellence, shows most marked aptitude and attainment in English studies.

*Willie E. Fitch Prize.*—The Willie E. Fitch Prize, for highest excellence in all branches of Chemistry, founded by James E. Fitch, Esq., in memory of his son, consists of fifty dollars, which is awarded annually for the best examination in Chemistry.

*The Gardiner G. Hubbard Memorial Prize.*—This is a prize in American History established by Mrs. Gertrude M. Hubbard in memory of her husband, the late Gardiner G. Hubbard. The endowment is a fund of one thousand dollars, the income from which is to be given annually to that member of the graduating class who has during four years maintained a high standing in the several classes in History, and who has produced the best essays upon subjects based upon a study of some assigned period of American history.

*Muth Prize.*—Geo. F. Muth and Company offer a slide rule to the student who makes the highest record in Mechanical Drawing 1.

*Colonial History Prize.*—The Society of the Colonial Dames of America, Chapter III, offers annually a gold medal for excellence in American Colonial History. This prize will be awarded by the professor of History for general excellence in this subject as shown by class standing, by special essays, and by such other tests as shall be prescribed.

*James Macbride Sterrett, Jr., Prize.*—Founded by Professor



James Macbride Sterrett, in memory of his son, consists of a gold medal annually awarded to that student taking Course 1 in Physics who obtains the highest average in a special examination on a given subject and in the writing of an essay on an assigned topic.

*The Chi Omega Prize in Sociology.*—An annual prize of fifteen dollars is offered by the Phi Alpha Chapter of the Chi Omega Fraternity for the best essay on a sociological subject to be announced by the Committee in Charge. Essays must meet the requirements defined by the Committee and be submitted on or before April 1.

*Sigma Kappa English Prize.*—An annual prize of a set of books to the value of ten dollars is offered by the Sigma Kappa Fraternity to the student passing the best examination in the year's work in English Rhetoric. All members of the classes in English Rhetoric are eligible for this special examination, which will be given during the final examinations.

*Pi Beta Phi Prize in Political Science.*—The Pi Beta Phi Fraternity has set aside ten dollars as a prize for the best essay written during the year by a student of political science on a subject approved by the instructor. The essays must be submitted by May first.

*Pi Beta Phi Prize in Education.*—An annual prize of ten dollars is offered by the Pi Beta Phi Fraternity for the best essay on an educational topic. The essays will be judged by a committee of three, consisting of the Professor of Education and two others designated by him. The essays must be submitted by May first.

*Phi Mu Prize in Playwriting.*—An annual prize is offered by the Phi Mu Fraternity for a one-act play of approved excellence written by a student in the University. The award will be made by the English Department of the University, and the George Washington University Players shall have the opportunity to give the first production of the play.

*Sigma Kappa Prize in Chemistry.*—A prize of ten dollars is offered annually by Zeta Chapter of Sigma Kappa Fraternity to that student who passes the best examination in Chemistry, 1, 2 and 23.

*Genevieve Chatterton McCutchins Prizes.*—Two cash prizes of \$25.00 and \$15.00, based on the income of a memorial fund of one thousand dollars, to be awarded annually for the best and the next best essays on subjects connected with Archaeology or Painting. In their award consideration will be given to students' knowledge of contemporary literature, history, or music, as relat-

ing to the progress of the fine arts. These prizes are open to both graduates and undergraduates.

*Kappa Alpha Prize in Economics.*—An annual prize of ten dollars is offered by the Alpha Nu Chapter of Kappa Alpha Fraternity for the best essay on a subject in the field of Economics. The essays will be judged by a committee of three, consisting of the Professor of Economics, a member designated by the Fraternity and a third member designated by the first two. The essays must be submitted by the first of May.

*Alchemists Prize.*—The Alchemists offer annually a gold medal to the graduating student who has attained the highest average in Chemical subjects, provided that he has completed an amount of Chemistry equal to the minimum required for a degree in Chemistry or Chemical Engineering and that at least three-fourths of this work has been done at George Washington University.

*Dietzen Prize.*—The Eugene Dietzen Co. offers a drop bow pen to the student making the highest record in Machine Drawing.

*Sigma Tau Prize.*—The Xi chapter of Sigma Tau offers annually a gold medal to the student in the College of Engineering who presents the best paper before the Engineering Society. Only those who have not completed the required number of credit hours to become a Junior (70) are eligible to compete.

#### DAVIS PRIZE SPEAKING

The Davis Prize Speaking is held on the second Tuesday after the Easter holidays. The award of these three prizes is determined by a public speaking contest, in which the participants deliver original orations. Senior students wishing to enter the competition should report to Professor Croissant not later than five weeks before the contest, and submit their orations not later than three weeks before the contest. The prizes are awarded by a committee consisting of three members, appointed by the Department of English.

#### PRIZE AWARDS, 1920-1921

*Davis Prizes.*—First Prize, Oscar Henry Lindow. Second prize, Bernadette Michelson. Third prize, Robert Nelson Anderson.

*Daughters of the American Revolution.*—Etta H. Mathews, Miriam H. Selah.

*Thomas F. Walsh Prize.*—Mary Estelle Rose.

*E. K. Cutter Prize.*—Martha Lucy Waring.

*Willie E. Fitch Prize.*—Norris H. Sanborn.

*Gardner G. Hubbard Prize.*—Herbert B. Nichols.

*Muth Prize.*—Russel Edward Frusheur.

*Sigma Kappa Prize, in English.*—Maxine F. Rolle.



- Phi Mu Prize, in Playwriting.*—Stanley W. Nichols.  
*Alchemists Prize.*—Beverly Leonidas Clarke.  
*Colonial Dames Prize.*—Harry Wright Newman.  
*Genevieve Chatterton McCutchins Prizes.*—First prize, Alexandra L. Galeski. Second prize, Ruth Bell.

## HIGH SCHOOL SCHOLARSHIPS, 1920-1921

- Kendall Scholarship.*—Allen M. Boettcher, Central High School.  
*First University.*—Thelma Hunt, Central High School.  
*Second University.*—Harold A. Wheeler, Central High School.  
*Third University.*—Walter C. Myers, Central High School.  
*Fourth University.*—Lyle W. Ohlander, Central High School.  
*Fifth University.*—Isidore Alpher, Central High School.  
*Sixth University.*—Elizabeth H. Bradford, Central High School.

## COLLEGE CHAPEL

Chapel Services are held at 12.20 p. m., Monday, Wednesday, and Friday, throughout the academic year.

The Deans of the Colleges will confer with students as they may desire on questions concerning their welfare and will cooperate with them in all ways to make the college life one of personal helpfulness.

For catalogues, application blanks, and further information, address

THE REGISTRAR,

*The George Washington University,  
 2033 G Street, Washington, D. C.*

## FEES

1. Annual registration fee \_\_\_\_\_ \$ 2
2. Tuition fee for each semester-hour credit of courses leading to the degrees of A. B., B. S., A. M., M. S., C. E., E. E., M. E. \_\_\_\_\_ 6  
 The maximum fee charged in any one year is \$180.
3. Tuition fee per annum for graduate courses leading to the degree of Ph. D. \_\_\_\_\_ 180
4. Registration fee for students taking problems of the Beaux Arts Society \_\_\_\_\_ 6
5. Laboratory courses:  
 Material fees:
  - Experimental Psychology \_\_\_\_\_ 2
  - Botany 1, Geology 1, Zoology 1, 2, 3, each \_\_\_\_\_ 5
  - Chemistry 2, 3, 7, 28, 30, each \_\_\_\_\_ 10
  - Chemistry 4 (Assaying) \_\_\_\_\_ 20
  - Chemistry 8, 31, each \_\_\_\_\_ 5
  - Chemistry 20, 21, 25, 32, each \_\_\_\_\_ 25

## DEPARTMENT OF ARTS AND SCIENCES

Domestic Science 1, 2, 3, 4, each.....	10
Electrical Engineering 4, 5, each.....	5
Electrical Engineering 24.....	10
Mechanical Engineering 9, 10, 11, each.....	5
Physics 2, 4, each.....	10
Physics 28.....	5
Preventive Medicine 51.....	10
Deposits to cover breakage of apparatus issued, the amount paid in excess of breakage to be returned:	
Chemistry 2, 3, 7, 8, 28 and 30, each.....	10
Chemistry 20, 32, each.....	15
Chemistry 21 and 25, each.....	20
6. Microscope rental in Botany 1 and Zoology 1, 3.....	5
7. Tuition fee for the following special course, not taken by candidates for a degree:	
Chemistry 4 (Assaying).....	40
8. Reinstatement fee.....	2
9. Fee for certificates under the seal of the University.....	2
10. Fee for graduation.....	10

Students are registered for the college year unless otherwise stated on the registration paper. All requests for withdrawals or for changes in courses of study must be made in writing to the Dean or Registrar, and a student is liable for all charges for the courses for which he has registered unless changes are approved by the Dean or Registrar.

All charges are by the scholastic year. Registration, library and other special fees and laboratory deposits are due in full in advance. Tuition and laboratory material fees may be paid in eight monthly installments in advance.

A student is not entitled to attend a class until his registration has been approved by the Dean or Registrar and payment has been made at the Treasurer's office. The first payment is due not later than October first, and subsequent monthly payments are due on the first of each following month. In case a student fails to make his monthly payments promptly he may be excluded from classes. Continued delay in making payments will be followed by dismissal of the student from the University.

Students will not be assigned desks in the Chemical Laboratory until they exhibit a receipt for the payment of the laboratory deposit, or present an authorization from the Dean.

Students unable to pay their fees monthly in advance will be required to furnish as security an acceptable personal or corporate bond for \$200 for which a charge of \$3.00 will be made.

All fees are payable at the office of the treasurer of the University, 2101 G Street.



## COLUMBIAN COLLEGE

### ADMISSION

Candidates for admission to the Freshman Class in Columbian College must meet the general admission requirements (p. 24) of fifteen units. A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. *The fifteen units of the entrance requirement must include English, 3 units; Algebra through quadratics, 1½ units; Plane Geometry, 1 unit; and one of the following languages: Latin, Greek, French, German, or Spanish, 2 units.* The remainder of the requirements is elective and may be satisfied in general by any accredited secondary school subjects.

For admission to advanced standing or as special students, see p. 31.

### REQUIREMENTS FOR DEGREES

The undergraduate degrees offered by Columbian College are Bachelor of Arts, and Bachelor of Science in Medicine. To be recommended for either of these degrees, the student must satisfy the admission requirements, and must complete at least one hundred and twenty semester-hours of undergraduate courses at least eighteen semester-hours of which (or twelve semester-hours in the combined courses), must be completed in the Department of Arts and Sciences. A "semester-hour" of credit is one recitation or lecture a week or one laboratory period a week for one semester. No time limit for the course is prescribed and the degree is given when the total of prescribed and elective studies is completed.

The class hours are so arranged that persons who can give only part time to college work may complete a full college course and obtain a degree. Such students usually take six years to complete the course. The two class periods from five-ten o'clock to six-fifty schedule classes in required and elective subjects. The drawing rooms and laboratories are open from nine o'clock in the morning until half past ten at night.

One grade of special distinction is recognized in awarding the bachelor's degree. It is shown by inserting the words "With Distinction" on the diploma after the name of the degree. It is awarded under the following conditions:

"That the names of all students who have received a mark of at least B (90 per cent) on courses representing at least sixty (60) per cent of all hours taken by them be submitted by the

Dean to the Faculty of the Department in which the student shall be studying for a degree;

"That the Faculty, after separate consideration of each individual case, shall, if it see fit, recommend the awarding of the degree 'With Distinction' to students who shall have fulfilled the conditions above specified."

#### FOR THE DEGREE OF BACHELOR OF ARTS

To be recommended for the degree of Bachelor of Arts, the student must complete courses of study amounting to at least one hundred and twenty semester-hours including a group of prescribed subjects.

There are six curriculum groups, each leading to the degree of Bachelor of Arts. Every candidate for the degree of Bachelor of Arts selects one of these groups, and thereafter he is not permitted to change to another group except on condition that he fulfill the requirements of the group to which he changes.

The studies of the last two years are largely elective, subject to such administrative supervision as will insure the general consistency and the liberal character of the courses selected.

The scope of the six curriculum groups is a provision alike for the diversity in the subjects of the secondary school curriculum leading to a college course, and the needs of the various graduate and professional courses of study in the University for which the college course is a preparation.

Group I emphasizes Latin and Greek studies, and it would naturally be taken by the student whose preparatory work has included four years of Latin or two years of preparatory Latin supplemented by "Latin B" in college.

Group II emphasizes the Modern Languages, affording to students whose preparation has not included Latin the humanistic influences of the literatures of the Modern Languages.

Group III emphasizes Mathematics and the Natural Sciences, and would naturally be selected by the student whose college preparation has been scientific rather than literary.

Group IV emphasizes Political Science and Economics and History, constituting important preparation for the Law School or the public service.

Group V includes all the pre-medical subjects and is specially constituted as a regular college course in preparation for the Medical School.

Group VI emphasizes Commerce and kindred subjects in preparation for commercial life or the public service.

(NOTE.—Whenever in the following groups a modern language



is taken if it is elementary, the same language shall be continued the succeeding year.)

GROUP I, LATIN		<i>Semester Hours</i>
Latin* .....		12
Foreign Languages .....		18
English .....		12
History .....		6
Mathematics .....		6
Philosophy .....		6
Electives .....		60
		120
GROUP II, MODERN LANGUAGES		
Modern Languages .....		24
English .....		12
History .....		12
Philosophy .....		6
Political Science .....		6
Natural Science .....		6
Electives .....		54
		120
GROUP III, NATURAL SCIENCE		
Natural Science .....		18
Mathematics .....		12
English .....		6
Modern Languages .....		12
Philosophy .....		6
Economics .....		6
Electives .....		60
		120
GROUP IV, POLITICAL SCIENCE		
Political Science and Economics .....		18
History .....		12
English .....		6
Modern Languages .....		12
Mathematics .....		6
Philosophy .....		6
Electives .....		60
		120

\* Students who offer only the two elementary units of Latin for admission may qualify for Group I by taking "Latin B" in college (see p. 78), but this will not be counted as a part of the twelve semester-hours of Latin required in this group.

## DEPARTMENT OF ARTS AND SCIENCES

## GROUP V, PRE-MEDICAL

	<i>Semester Hours</i>
Chemistry 1, 2 and 8.....	16
Physics 3 and 4.....	10
Zoology 3.....	8
English.....	6
Modern Languages (preferably French or German).....	12
Philosophy (including Psychology).....	6
Mathematics.....	6
Electives.....	56
	120

## GROUP VI, COMMERCE

Commerce.....	16
Economics.....	10
Political Science and History.....	18
English.....	6
Modern Languages.....	12
Mathematics.....	6
Philosophy.....	6
Electives.....	46
	120

COMBINED SIX-YEAR COURSE FOR THE DEGREES OF  
BACHELOR OF ARTS AND BACHELOR OF LAWS

Professional courses in Law will be credited towards the degree of Bachelor of Arts to the extent of thirty semester-hours. On the completion of ninety semester-hours of work in college, at least twelve semester-hours of which must be taken in the Department of Arts and Sciences, including all of the required subjects in some one of the curriculum groups, and of the first year of the regular course in the Law School, the student will receive the degree of Bachelor of Arts. This combined course contemplates three years of college study and three years in the Law School. The effect is to shorten the period of study for the two degrees one year.

COMBINED SEVEN-YEAR COURSE FOR THE DEGREES OF  
BACHELOR OF ARTS AND DOCTOR OF MEDICINE

Professional courses in Medicine will be credited towards the degree of Bachelor of Arts to the extent of thirty semester-hours. On the completion of ninety-semester hours of credit in college, at least twelve semester-hours of which must be taken in the De-



*partment of Arts and Sciences*, including all of the required subjects in some one of the curriculum groups, preferably Group V, and on the completion of the first year of the regular course in the Medical School, the student will receive the degree of Bachelor of Arts. This combined course contemplates three years of college study and four years in the Medical School. The effect is to shorten the period of study for the two degrees one year.

#### PUBLIC SERVICE COURSES

These courses are designed to impart general culture and a broad grasp of public questions, and thus to provide a training that will prove of value in commercial life, the practice of law, or public service. The work prescribed is broader than the requirement for entrance into the Consular and Diplomatic Service, so that the student who completes with credit the appropriate courses has a training that will fit him to rise to the higher positions in the service to which he may be appointed.

Regular students who are preparing for the Government Service should register for Group IV or Group VI, of the curriculum requirements for the degree of Bachelor of Arts, and should elect, also, the subjects named in Section 2 of the "Regulations Governing Examinations Promulgated by the Board of Examiners, December 13, 1906."

Special students who are preparing for the Consular Service examinations should register for such courses as relate to subjects named in Section 2, of the Government Regulations.

#### REGULATIONS GOVERNING EXAMINATIONS PROMULGATED BY THE BOARD OF EXAMINERS, DECEMBER 13, 1906\*

Section 2 reads as follows: The examinations will consist of an oral and a written one, the two counting equally. The object of the oral examination will be to determine the candidate's business ability, alertness, general contemporary information, and natural fitness for the service, including moral, mental, and physical qualifications, character, address, and general education and good command of English. In this part of the examination the applications previously filed will be given due weight by the Board of Examiners, especially as evidence of the applicant's business experience and ability. The written examination will include those subjects mentioned in the Executive order, to-wit, at least one modern language other than English—French, German, or Spanish;\* the natural, industrial, and commercial resources and the commerce

\* As amended by Board of Examiners, February 18, 1911.

of the United States, especially with reference to possibilities of increasing and extending the foreign trade of the United States; political economy, and the elements of international, commercial, and maritime law. It will likewise include American history, government, and institutions; political and commercial geography; arithmetic (as used in commercial statistics, tariff calculations, exchange, accounts, etc.); the modern history, since 1850, of Europe, Latin America, and the Far East, with particular attention to political, commercial, and economic tendencies. In the written examination, composition, grammar, punctuation, spelling, and writing will be given attention.

Students who seek a designation for consular and diplomatic examination should apply to the Department of State for full information. Consular service examinations are held in Washington only.

### Suggestions for Freshmen Courses in the Curriculum Groups

#### GROUP I, LATIN

Latin 1 or "B," English, History, Mathematics, French or German.

#### GROUP II, MODERN LANGUAGES

French, German, English, History, Chemistry 1 (or Chemistry 1 and 2) or Botany.

French or German, Spanish, English, History, Mathematics.

French or German, Spanish, English, Political Science, Zoology or Botany.

#### GROUP III, NATURAL SCIENCE

Chemistry 1 and 2, Mathematics, English, French, German or Spanish, Economics.

#### GROUP IV, POLITICAL SCIENCE

Political Science, History, English, French or German, Mathematics.

Economics, Political Science, English, Mathematics, Spanish.

Economics, English, History, Mathematics, Spanish.

#### GROUP V, PRE-MEDICAL

Chemistry 1 and 2, Zoology 3, English, French or German, Mathematics.

#### GROUP VI, COMMERCE

Economics, Commerce, English, French or Spanish, Political Science or History, Mathematics.



## GENERAL SUGGESTIONS

English Rhetoric (1 or 2) is required in every curriculum group. Mathematics is required in every group except the second, and the required amount must be taken in college; History should begin with Mediaeval History; Modern Languages should be taken in a sequence of at least two years in the same language. Information about all studies is given in the alphabetical arrangement of subjects under "Courses of Instruction."

The specified subjects in the selected group should be taken in the earlier part of the college course leaving the electives for the later years. Subjects should be chosen with view to an even distribution through the days of the week. Most courses come three times a week, either on Monday, Wednesday and Friday, or on Tuesday, Thursday and Saturday. Most general culture subjects are given in two sections, one early in the day and one late. Students who have all their time for college work should take the early sections. The late sections are given in the last two periods, at five-ten o'clock or at six o'clock, in order to afford to those employed in Government offices the opportunities of college study. Teachers in the public schools can usually take also the courses announced for four o'clock.

Fifteen hours a week is a standard amount of work for completing the college course in four years; twenty hours a week should be regarded as a maximum under any conditions. When the college work is limited to the last two periods and the evening laboratory periods, the length of the course is generally six years.

Detailed information about fees is given on pages 39-40.

## SIX-YEAR COURSE FOR THE DEGREES OF BACHELOR OF SCIENCE IN MEDICINE AND DOCTOR OF MEDICINE

Regular students in this course will complete in two years the prescribed work in college, at least twelve semester-hours of which must be taken in the Department of Arts and Sciences, and the four-year course in the Medical School. On the completion of this six-year course the student will receive at the same time the degrees of Bachelor of Science in Medicine and Doctor of Medicine. The curriculum for the Freshman and Sophomore years in college, including the pre-medical requirements, is as follows:

## FRESHMAN YEAR

	<i>Semester Hours</i>
Chemistry 1 and 2 .....	10
English 1 or 2 .....	6

	<i>Semester Hours</i>
French or German.....	6
Mathematics .....	6
Zoology 3 .....	8
	<hr/>
	36
SOPHOMORE YEAR	
Chemistry 8 .....	6
French, German or Spanish .....	6
Philosophy (including Psychology).....	6
Physics 3 and 4 .....	10
Zoology 2 .....	6
Electives .....	2
	<hr/>
	36

#### SPECIAL COURSE FOR ADMISSION TO THE MEDICAL SCHOOL

FIRST YEAR	
Chemistry 1 and 2 .....	10
English 1 or 2 .....	6
Zoology 3 .....	8
Electives .....	6
	<hr/>
Total semester-hours .....	30
SECOND YEAR	
Physics 3 and 4 .....	10
Chemistry 8 .....	6
Electives other than Natural Science.....	14
	<hr/>
Total semester-hours .....	30

NOTE.—The Council on Medical Education of the American Association states:—"Of the 60 semester-hours required as the measurement of 2 years' work, at least 18, including the 6 semester-hours in English, should be in subjects other than the physical, chemical, or biologic science."



## COLLEGE OF ENGINEERING

### ADMISSION

Candidates for admission to the Freshman Class in the Civil Engineering, Electrical Engineering, Mechanical Engineering, Chemical Engineering and Physics Courses are required to present fifteen units for admission, distributed as follows:

	<i>Units</i>
English .....	3
Foreign Language (preferably French, German or Spanish) .....	2
Plane and Solid Geometry .....	1½
Elementary and Advanced Algebra .....	2
Plane Trigonometry .....	½
Chemistry .....	1
Physics .....	1
Electives .....	4
 Total .....	 15

Candidates for admission to the Freshman Class in the Chemistry Course are required to present fifteen units for admission, distributed as follows:

English .....	3
Foreign Language (preferably French, German or Spanish) .....	2
Plane Geometry .....	1
Elementary and Intermediate Algebra .....	1½
Chemistry .....	1
Electives .....	6½
 Total .....	 15

Candidates for admission to the Freshman Class in the Architectural Course are required to present fifteen units for admission, distributed as follows:

English .....	3
Foreign Language (preferably French, German or Spanish) .....	2
Plane and Solid Geometry .....	1½
Elementary and Advanced Algebra .....	2
Plane Trigonometry .....	½
Electives .....	6
 Total .....	 15

For detailed description of the requirements in each preparatory subject, see page 25.

For admission to advanced standing or as a special student, see page 29.

#### COURSES FOR A DEGREE

Seven courses are offered:

- I. CIVIL ENGINEERING.
- II. ELECTRICAL ENGINEERING.
- III. MECHANICAL ENGINEERING.
- IV. CHEMICAL ENGINEERING.
- V. CHEMISTRY.
- VI. ARCHITECTURE.
- VII. PHYSICS.

These courses occupy four years each, and lead to the degree of Bachelor of Science in Civil Engineering, in Electrical Engineering, in Mechanical Engineering, in Chemical Engineering, in Chemistry, in Architecture and in Physics, respectively. Graduate courses of one year under the Faculty of Graduate Studies of the George Washington University are open to those who receive the appropriate engineering degrees, and lead, respectively, to the degrees of Civil Engineer, Electrical Engineer, and Mechanical Engineer.

#### PART-TIME STUDENTS

The class hours are so arranged that persons who can give only part time to college work may complete a full engineering course and obtain a degree. Such students usually take six years to complete the course. Classes in all the general studies of the engineering courses and in many of the technical subjects are regularly scheduled in the two class periods from five-ten o'clock to six-fifty; and other technical courses are given in alternate years in these periods. The drawing rooms and laboratories are open from nine o'clock in the morning until half past ten at night.

#### REQUIREMENTS FOR A DEGREE

The arrangement of the topics in each of the regular courses for degree is shown below. The numbers following the names of subjects refer to the courses as given in the list of Department Subjects on page 66, to which reference should be made for more complete description.



# CIVIL ENGINEERING COURSE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN CIVIL ENGINEERING

## FRESHMAN YEAR

	<i>Semester-Hour Credits</i>
Chemistry 1, 7 _____	10
General Chemistry and Qualitative Analysis.	
English 1 or 2 _____	6
Rhetoric.	
French, German or Spanish _____	6
Mechanical Drawing 1, 8 _____	6
Mechanical Drawing; Descriptive Geometry.	
Mathematics 9 or 12 _____	6
Trigonometry; Analytic Geometry.	

## SOPHOMORE YEAR

Civil Engineering 1, 3, 4 _____	16
Surveying; Highway Engineering; Materials of Construction.	
Commerce 33 _____	4
Commercial Law.	
Mathematics 18 or 19 _____	6
Calculus.	
Physics 1, 2 _____	10
General Physics; Laboratory Physics.	

## JUNIOR YEAR

Applied Mathematics 20, 21, 22 _____	12
Mechanics; Hydraulics, Mechanics or Materials.	
Civil Engineering 2, 22 _____	12
Railroad Engineering; Theory of Structures.	
Electrical Engineering 1 _____	4
Engineering Electricity.	
Geology 21 _____	4
Engineering Geology.	
Elective _____	4

## SENIOR YEAR

Civil Engineering 21, 23, 24, 27 _____	30
Hydraulic Engineering; Theory of Structures; Sanitary Engineering; Reinforced Concrete.	
Electives _____	4

**ELECTRICAL ENGINEERING COURSE LEADING TO THE  
DEGREE OF BACHELOR OF SCIENCE IN ELEC-  
TRICAL ENGINEERING**

**FRESHMAN YEAR**

Identical with the Civil Engineering Course.

**SOPHOMORE YEAR**

	<i>Semester-Hour Credits</i>
Civil Engineering 4 _____ Materials of Construction.	4
Commerce 33 _____ Commercial Law.	4
Mathematics 18 or 19 _____ Calculus.	6
Mechanical Drawing 2 _____ Machine Drawing.	4
Mechanical Engineering 1 _____ Mechanism.	8
Physics 1, 2 _____ General Physics; Laboratory Physics.	10
<b>JUNIOR YEAR</b>	
Applied Mathematics 20, 21, 22 _____ Mechanics; Hydraulics; Mechanics of Materials.	12
Chemistry 6 _____ Metallurgy.	2
Civil Engineering 5, 6 _____ Surveying Instruments; Foundations.	2
Electrical Engineering 2, 4, 5 _____ Direct Current Theory and Machinery; Electrical Engineering Laboratory.	10
Mechanical Engineering 9, 20 _____ Engineering Laboratory; Thermodynamics, Steam Boilers and Power Plant Accessories.	8
<b>SENIOR YEAR</b>	
Electrical Engineering 21, 22, 23, 24, 27, 28, 29, 30 _____ Alternating Currents; Electrical Distribution; Electrical Applications; Electrical Engineer- ing Laboratory; Electric Railways; Tele- phones and Telegraph; Electric Illumination; Design.	26
Mechanical Engineering 10, 23 _____ Engineering Laboratory; Hydraulic Machinery.	4
Electives _____	6



**MECHANICAL ENGINEERING COURSE LEADING TO THE  
DEGREE OF BACHELOR OF SCIENCE IN  
MECHANICAL ENGINEERING**

**FRESHMAN YEAR**

Identical with the Civil Engineering Course.

**SOPHOMORE YEAR**

	<i>Semester-Hour Credits</i>
Civil Engineering 4 .....	4
Materials of Construction.	
Commerce 33 .....	4
Commercial Law.	
Mathematics 18 or 19 .....	6
Calculus.	
Mechanical Drawing 2 .....	4
Machine Drawing.	
Mechanical Engineering 1 .....	8
Mechanism.	
Physics 1, 2 .....	10
General Physics; Laboratory Physics.	

**JUNIOR YEAR**

Applied Mathematics 20, 21, 22 .....	12
Mechanics; Hydraulics; Mechanics of Materials.	
Civil Engineering 22 .....	3
Theory of Structures.	
Mechanical Engineering 9, 20, 24, 27, 32, 33 .....	16
Engineering Laboratory; Thermodynamics, Steam Boilers and Power Plant Accessories; Advanced Mechanism; Power Plant Problems; Industrial Management; Engineering Economics.	
Electrical Engineering 1 .....	4
Engineering Electricity.	

**SENIOR YEAR**

Civil Engineering 5, 6 .....	2
Surveying Instruments; Foundations.	
Electrical Engineering 4, 5 .....	4
Electrical Laboratory.	
Mechanical Engineering 10, 11, 23, 25, 26, 29, 30, 31, 34 .....	23
Engineering Laboratory; Hydraulic Machinery;	

*Semester-Hour  
Credits*

Machine Design; Dynamics of Machinery;  
Heating and Ventilating; Gas Engines; Steam  
Turbines; Refrigeration.

Electives ..... 6

**CHEMICAL ENGINEERING COURSE LEADING TO THE  
DEGREE OF BACHELOR OF SCIENCE IN  
CHEMICAL ENGINEERING**

**FRESHMAN YEAR**

Architecture 2 .....	2
Free-hand Drawing.	
Chemistry 1, 2 .....	10
General Chemistry; Laboratory Practice.	
English 1 or 2 .....	6
Rhetoric.	
French, German or Spanish.....	6
Mathematics 9 or 12 .....	6
Trigonometry; Analytic Geometry.	
Mechanical Drawing 1 .....	4
Mechanical Drawing.	

**SOPHOMORE YEAR**

Chemistry, 3, 20 .....	10
Chemical Laboratory; Qualitative Analysis.	
Geology 1 .....	4
Mineralogy.	
Mathematics 18 or 19 .....	6
Calculus.	
Mechanical Engineering 1 .....	8
Mechanism.	
Physics 1 and 2 .....	10
General Physics, Laboratory Physics.	

**JUNIOR YEAR**

Applied Mathematics 20, 22 .....	8
Mechanics; Mechanics of Materials.	
Chemistry 6, 21, 23 .....	14
Metallurgy; Quantitative Analysis; Organic Chemistry.	
Commerce 33 .....	4
Commercial Law.	
Electrical Engineering 1 .....	4
Engineering Electricity.	



*Semester-Hour  
Credits*

Mechanical Engineering 20 .....  
 Thermodynamics, Steam Boilers and Power  
 Plant Accessories.

6

## SENIOR YEAR

Chemistry 24, 25, 26, 29 .....  
 Organic Chemistry; Organic Laboratory; Physi-  
 cal Chemistry; Industrial Chemistry.

22

Mechanical Engineering 9, 10 .....  
 Mechanical Laboratory.

4

Electives .....

6

CHEMICAL COURSE LEADING TO THE DEGREE OF  
BACHELOR OF SCIENCE IN ARCHITECTURE

## FRESHMAN YEAR

Architecture 2 .....  
 Free-hand Drawing.

4

Chemistry 1, 2 .....  
 General Chemistry; Laboratory Practice.

10

English 1 or 2 .....  
 Rhetoric.

6

French, German or Spanish .....

6

Mathematics 3 or 6 .....  
 College Algebra; Solid Geometry; Elementary  
 Trigonometry.

6

Mechanical Drawing 4 .....  
 Mechanical Drawing.

2

## SOPHOMORE YEAR

Chemistry 3, 20 .....  
 Chemical Laboratory; Qualitative Analysis.

10

French, German or Spanish .....

6

Mathematics 9 or 12 .....  
 Trigonometry; Analytic Geometry.

6

Physics 3, 4 .....  
 General Physics; Physics Laboratory.

10

Electives .....

4

## JUNIOR YEAR

Chemistry 21 (4), 23 .....  
 Quantitative Analysis; Organic Chemistry.

12

Commerce 33 .....  
 Commercial Law.

4

	<i>Semester-Hour Credits</i>
Physics 25 .....	6
Advanced Laboratory.	
Electives* .....	8
SENIOR YEAR	
Mathematics 30 .....	4
Differential Equations.	
Physics 22, 23 (or 21, 24) .....	12
Light, Electricity and Magnetism.	
Physics 25 .....	8
Advanced Laboratory.	
Electives* .....	10

#### SPECIAL STUDENTS

All the courses of instruction are open to students of suitable age and attainments who wish, without reference to any degree, to pursue special studies. Candidates must show that they are familiar with the subjects preliminary to the studies which they wish to pursue.

#### FEES

The annual tuition fee for a student taking courses aggregating fifteen or more hours a week throughout the year is one hundred and eighty dollars. Part-time students pay in accordance with the amount of work taken, the fee being six dollars for each semester-hour credit. For courses in the laboratories there are additional laboratory fees. Full statements in regard to the fees are given on pages 39-40.

\* It is suggested that a major part of the electives be chosen from the following list: Applied Mathematics 21, 22; Astronomy 1; Chemistry 8, 30; Commerce 20, 33, 40, 45; Electrical Engineering 4, 5, 21, 24; Geology 2; Mechanical Engineering 20; Philosophy 1, 3.



## TEACHERS' COLLEGE

The purpose of Teachers College is to provide (a) collegiate training for teachers, (b) instruction in education as a department of science.

The aims of the Teachers College may be summarized as follows:

- a. To promote the knowledge of educational science.
- b. To fit students for the higher positions in the public school service.
- c. To secure to teaching the rights and prerogatives of a profession.
- d. To aid in raising the standards of educational practice, and so to increase the efficiency of public education.

## ORGANIZATION

Teachers College provides a four years' college course, the first two years of which are devoted to a foundation of general culture courses, and the last two to professional courses and to specialization in the subjects which the student expects to teach. The schedule of courses is arranged so as to meet the convenience of both full time and part time students. By attending afternoon and Saturday classes, teachers in the schools of Washington and vicinity may complete all the requirements for a degree without giving up their positions.

## ADMISSION

Candidates for admission to the Freshman Class in Teachers College must meet the general admission requirements (p. 25) of fifteen units. *Three of these must be in English, two and one-half in Mathematics, and two in one of the following languages: Latin, Greek, French, German, or Spanish.* The remainder of the required fifteen units may be satisfied by any accredited secondary subjects.

Persons desirous of taking work without becoming candidates for a degree, may be admitted as *special students* on the presentation of satisfactory evidence that they are qualified to pursue the work to advantage.

## ADVANCED STANDING

Students transferring from normal schools, colleges, and other schools of similar rank will be admitted to such advanced standing as the courses they have pursued warrant. Graduates of normal schools with two-year courses resting upon graduation from an

# SCHEDULE OF CLASSES IN COLUMBIAN COLLEGE AND TEACHERS' COLLEGE

	Monday, Wednesday, Friday		
	<i>Course</i>		<i>Instructor</i>
9.15	Economics 1A	General Economics	Sutton
	Education 20	Principles of Teaching	Ruediger
	English 5	English Literature	Bolwell
	French 1A	First Year French	Deibert
	History 7, 8	European History	Kayser
	Mathematics 3	Alg. Geom. Trig	Hankin
	Pol. Sci. 29, 30	International Law	Hill
	Spanish 1A	First Year Spanish	Giddings
	English 23	Shakespeare	Wilbur
	English 36	English Novel	Bolwell
10.15	French 3A	Second Year French	Henning
	German 20	Literature	Schoenfeld
	Mathematics 9	Trig., Analytic Geom.	Erwin
	Philosophy 1, 3	Psychology; Logic	Moss
	Pol. Sci. 1, 3A	U. S. Govt., State Govts	Hill
	Spanish 1C	First Year Spanish	Giddings
	Spanish 3A	Second Year Spanish	Doyle
	Economics 1B	General Economics	Sutton
	Economics 29, 30	Banking; Finance	Kern
	Education 11, 3	Elements of Education	Sullivan
11.15	German 3	Second Year German	Schoenfeld
	Greek 2	Xenophon, etc.	Smith
	Physics 1A	General Physics	Brown
	Pol. Sci. 21, 22	European Governments	Hill
	Commerce 25	Foreign Trade	Sutton
	German 7	Third Year German	Schoenfeld
	Home Economics 1	Domestic Science	Evans
	Latin 1	Livy, etc.	Smith
	Philosophy 23	Laboratory Psychology	Moss
	Physics 3A	Introductory Physics	Brown
1.45	Portuguese 3	Second Year Course	Coutinho
	Greek 1	Herodotus, etc.	Smith
	History 1, 2	Medieval History	Swisher
	History 27, 24	Latin-American History	Churchill
	Portuguese 1	First Year Course	Coutinho
	Spanish 5	Third Year Spanish	Doyle
	English 27	English Prose	Croissant
	French 5	19th-17th Century	Henning
	French 23	18th Century	Deibert
	History 3, 4	European History	Swisher
4.00	Latin 2	Cicero, etc.	Smith
	Political Science	City Govt.; Cons. Law	West
	Romance Lit 2	Literature	Coutinho
	Spanish 22	Literature	Doyle
	Commerce 40, 42	Ind. Hist. U. S.; Wld. Pol.	Kochenderfer
	Education 25	Secondary Education	Sullivan
	English 2	Rhetoric	Wilbur
	English 31	Journalism	Chace
	English 56	English Comedy	Croissant



# SCHEDULE OF CLASSES

63

	<i>Course</i>	<i>Instructor</i>
	French 2A ..... First Year French .....	Protzman
	French 7 ..... Conversational .....	Benéteau
	French 26 ..... Literature .....	Henning
	German 21 ..... Literature .....	Schoenfeld
	History 25 ..... English History .....	Churchill
	Home Economics 2 ..... Domestic Science .....	Evans
	Italian 2 ..... First Year Course .....	Miller
	Mathematics 4A ..... Algebra; Trig. ....	Hodgkins, H.G.
	Mathematics 4B ..... Algebra; Trig. ....	Hankin
	Mathematics 12A ..... Trig; Anal. Geom. ....	Erwin
	Philosophy 4, 2 ..... Logic; Psychology .....	Ruediger
	Physics 1B ..... General Physics .....	Cheney
	Physics 22 ..... Light .....	Brown
	Pol. Sci. 35, 36 ..... Far East; Latin Amer .....	West
	Spanish 2A ..... First Year Spanish .....	Doyle
	Spanish 2E ..... First Year Spanish .....	Giddings
	Spanish 4A ..... Second Year Spanish .....	Deibert
	Spanish 7 ..... Conversation .....	Vasquez
	Spanish 6 ..... Third Year Spanish .....	Jones
	Zoology 2 ..... Vertebrates .....	Bartsch
	Zoology 3 ..... Premedical Course .....	Bartsch
6.00	Commerce 36 ..... Commercial Geography .....	Kochenderfer
	Economics 2 ..... General Economics .....	Kern
	Education 27, 28 ..... School Administration .....	Sullivan
	English 25 ..... English Drama .....	Croissant
	English 50 ..... Milton .....	Wilbur
	French 2B ..... First Year French .....	Protzman
	French 8 ..... Conversation .....	Benéteau
	German 4 ..... Second Year German .....	Schmidt
	History 26 ..... History of the West .....	Churchill
	History 30 ..... Amer. Constitut'l Hist. ....	McArthur
	Italian 4 ..... Second Year Course .....	Miller
	Mathematics 6A ..... Alg., Geom., Trig. ....	Hodgkins, H.G.
	Mathematics 6B ..... Alg., Geom., Trig. ....	Hankin
	Mathematics 12B ..... Trig., Analytic Geometry .....	Erwin
	Physics 3B ..... Introductory Physics .....	Cheney
	Spanish 2B ..... First Year Spanish .....	Deibert
	Spanish 2F ..... First Year Course .....	Jones
	Spanish 8 ..... Advanced Conversation .....	Vasquez
	Zoology 1 ..... Invertebrates .....	Bartsch
Tuesday, Thursday, Saturday		
9.15	Botany 1A ..... General Botany .....	Griggs
	Economics 21 ..... Accounting .....	Sutton
	French 1B ..... First Year French .....	Deibert
	History 5, 6 ..... Ancient History .....	Kayser
	Mathematics 5 ..... Alg., Trig. ....	Hankin
	Mathematics 19 ..... Calculus .....	Hodgkins, H.L.
	Spanish 3B ..... Second Year Spanish .....	Protzman
10.15	English 1 ..... Rhetoric .....	Wilbur
	English 29 ..... American Literature .....	Croissant
	History 22 ..... American History .....	Churchill
	French 3B ..... Second Year French .....	Giddings

Course			Instructor	
		Tuesday		
6.10	Chemistry 6	Metallurgy	McNeil	
		Wednesday		
5.10	Geology 3	Geography	Resser	
	Philosophy 28	Philosophy of Nature	Richardson	
6.00	Geology 6	Human Geography	Resser	
		Thursday		
2.45	Latin 22	Latin Composition	Smith	
		Saturday		
9.15	to	Education 22	History of Education	Ruediger
11.15		Education 31	Mental Tests	Moss
10.15	English 62	XV and XVI Century Lit.	Bolwell	
11.15	History 33	Current History	Swisher	

### COURSES OF INSTRUCTION PROVIDED BY THE DEPARTMENT OF ARTS AND SCIENCES

Courses of instruction are divided into three sections.

First-section courses may be taken by third or fourth year students only by permission of the Dean and the professor in charge of the subject. They may sometimes be recommended to graduate students, but are not counted toward the higher degrees. The courses in the second section are in general for advanced students, candidates for the bachelor's degree; they serve, however, with additional work, as minors for the higher degrees, provided they have not already counted toward a degree. They may be taken by students in the second year of their course only by special permission of the professor in charge. The course in the third section are in general for graduate students only, candidates for one or other of the higher degrees. They are open to undergraduates only on the recommendation of the instructors, and no undergraduate student shall take in one year more than one course in the third section. When an announced course has not been applied for by at least three students, candidates for a degree, the instructor may withdraw the course. First-section courses are numbered 1 to 19, inclusive; second-section courses 20 to 49, inclusive; third-section courses, 50 and upwards. The number of hours, unless otherwise specified, indicate hours per week throughout the year. The unit of credit is one hour of recitation or lecture work per week for one semester; laboratory hours in chemistry and drawing count one-third unit each, in other subjects one-half unit each. Laboratories and drawing rooms will be open from 9.15 a. m. till 10 p. m., with competent assistants in charge to direct students. No student is admitted to a course unless he fulfills all the preliminary re-



quirements for the course, or otherwise satisfies the instructor that he is prepared to pursue it. Every student must make his election of courses so as to avoid conflict between the hours appointed for recitations.

Under each course is stated the number of credits for which the course is counted toward satisfying the requirements for the undergraduate degrees of Bachelor of Arts and Bachelor of Science, or for the graduate degrees of Master of Arts and Master of Science, or for the graduate degree in engineering.

### APPLIED MATHEMATICS

#### *Second Section. For Undergraduates and Graduates.*

20. *Analytical and Applied Mechanics*.—(1) Statics: including composition, resolution and equilibrium of forces; center of gravity; moment of inertia. (2) Kinematics and Kinetics: including rectilinear, curvilinear and rotary motion; dynamics of machinery; work and energy; friction; impact. Four hours, first half-year. Four semester-hour credits. Professor MILLER and Professor HITCHCOCK.

21. *Hydraulics*.—The theoretical principles of hydraulics: including hydrostatics, flow through orifices, over weirs, through pipes and in open channels, and the dynamic pressure of water. Two hours. Four semester-hour credits. Professor LAPHAM.

22. *Mechanics of Materials and Theory of Elasticity*.—Elastic and ultimate strength and deformation; simple, cantilever and continuous beams; shear, riveted joints, torsion, columns, resilience, combined stress, curved beams and hooks; theories of elastic limit and failure. Four hours, second half-year. Professor MILLER and Professor HITCHCOCK.

### ARCHAEOLOGY AND HISTORY OF ART

#### *Second Section. For Graduates and Undergraduates.*

20. *History of Art*.—An introductory course in the history of architecture, sculpture and painting, illustrated by photographs, lantern slides and casts. 1921-22, Prehistoric, Classical and Medieval Art; 1922-23, Renaissance and Modern Art. Section A. *Wed., Fri.*, at 4. Section B. *Wed., Fri.*, at 5.10. Four semester-hour credits. Professor CARROLL.

#### *Third Section. Primarily for Graduates.*

50. *Pro-Seminary of Art and Archaeology*. (a) Prehistoric Art and Archaeology. Six semester-hour credits. Professor CARROLL. (b) History and Appreciation of Painting. Illustrated lectures on the schools of painting from the Renaissance down to the Amer-

33. *Water Color*.—A course of drawing in water color from still life and from buildings and gardens. Two periods. Four semester-hour credits. Professor BIBB.

39. *Building Construction*.—Masonry foundations, pile foundations, stone work, brick work, fire-proofing, ornamental terra cotta, plastering, specifications. *Wed., Fri.*, at 6.00 and two periods in the drawing room, second half-year. Four semester-hour credits. Assistant Professor SMITH.

40. *Water Color*.—An advanced course in water color drawing including studies from life. Two periods. Four semester-hour credits. Professor BIBB.

41. *Heating and Ventilating*.—Elementary principles of heating and ventilating; details of installation of hot air, hot water, and steam heating plants. *Wed., Fri.*, at 5.10; second half-year. Two semester-hour credits. Mr. FLEMING.

43. *Office Practice*.—A course of lectures on office practice, business methods of an architect and special types of buildings by the teaching staff and practicing architects of the District of Columbia. Two semester-hour credits.

44. *Advanced Construction*.—A course arranged especially for architectural students, embracing problems in the determination of beam sizes, girder and column design, grillage beam footings and the design of the simpler forms of trusses. Four semester-hour credits. Mr. FLEMING.

### ASTRONOMY

#### *First Section. Primarily for Undergraduates.*

1. *Popular Astronomy*.—A course in elementary descriptive astronomy designed to give facts of general interest without the use of higher mathematics. Recitations, lectures and papers on special topics assigned to each student. *Tu., Th.*, at 11.15. Four semester-hour credits. Professor ERWIN.

### ASTRO-PHYSICS

#### *Third Section. Primarily for Graduates.*

54. A lecture course on the astro-physical instruments employed in modern research. Six semester-hour credits. Mr. FOWLE.

55. Some applications of Astrophysics, Geophysics, Chemical Physics and Colloidal Physics to Meteorology. Six semester-hour credits. Mr. FOWLE.

56. Some interrelations between Astrophysics, Geophysics, Atomic Physics and Colloidal Physics. Six semester-hour credits. Mr. FOWLE.



**BACTERIOLOGY AND CLINICAL MICROSCOPY***Second Section. For Undergraduates and Graduates.*

20. *Bacteriology.* General bacteriology; bacteriological technic; preparation of culture media; methods of sterilization and disinfection; routine study of about ten non-pathogenic bacteria; cultural, microscopical and serological study of about forty pathogenic organisms. Students are also taught the preparation of vaccines, agglutinating, hemolytic and other immune sera, commonly employed in diagnosis, including the Wassermann Reaction. Moulds, yeast, spoilage of food and contamination of water are also considered, together with methods for qualitative and quantitative estimation. This course consists of 48 lectures and quizzes, and 96 hours in the laboratory. Special tuition fee, \$60.00.

22. *Clinical Microscopy.*—Technic for counting red and white blood cells, various methods of hemoglobin estimation, differential counting of white blood cells; study and recognition of malarial parasites and other blood parasites. Microscopic study of the sediments of normal and pathologic urines, stomach contents, feces, including a detailed study of animal parasites and their eggs; microscopical examination of sputum, spinal fluid, exudates, etc. The significance and value of these findings as applied to pathology and diagnosis are considered. This course consists of 16 lectures and quizzes and 32 hours in the laboratory. Special tuition fee \$25.

**BOTANY***First Section. For Undergraduates.*

Courses 1 and 2, in General Botany aim to present in orderly fashion such a knowledge of the vegetable kingdom as everyone needs to understand plants, their mode of life and their bearing on human affairs. Text: Ganong, Textbook of Botany.

1. *The Living Plant.*—A study of the structure and function of the flowering plant as a working mechanism. Section A: Tues., Thurs., 9.15. Laboratory Sat., 9.15-11.15. Section B: Tues., Thurs., at 5.10. Laboratory, Sat., 5.10-6.50. Three semester-hour credits. First half-year. Professor GRIGGS.

2. *The Plant Kingdom.*—A rapid survey of the principal group of plants followed by practice in determining the common native plants. Prerequisite: one semester's work in college biology. Section A: Tu., Th., 9.15. Laboratory Sat., 9.15-11.15. Section B: Tu., Th., 5.10. Laboratory Sat., 5.10-6.50. Second half-year. Three semester-hour credits. Professor GRIGGS.

27. *Stereo-Chemistry*.—This course deals with the arrangement of atoms in space from a theoretical standpoint, while the student is taught how to form models by which to illustrate their arrangements. Two hours. Four semester-hour credits. Assistant Professor HILL.

28. *Biochemistry*.—A laboratory course in the chemical examination of some of the chief foodstuffs, the tissues and fluids of the body, and the products of certain organisms; also the isolation of the digestive enzymes and a study of their action *in vitro*. Three three-hour periods. Six semester-hour credits. Professor MYERS.

29. *Industrial Chemistry*.—This course deals with the manufacture of substances styled "chemicals" and with the application of chemistry to the arts and industries. Six semester-hour credits. Mr. RIFFENBERG.

30. *Physical Chemistry*.—A laboratory course, designed to illustrate and supplement Chemistry 26; and especially adapted to the needs of those students who have taken or are taking that course. Two three-hour periods. Four semester-hour credits. Assistant Professor HILL.

31. *Chemical Microscopy*.—A laboratory course in the use of the microscope and microscopical methods in chemical work. One three-hour period. Monday from 7.00 to 10.00 p. m. Two semester-hour credits. Assistant Professor HILL.

NOTE.—The number of students will be limited and preference will be given in the order of registration.

32. *Dyestuffs*.—A lecture and laboratory course for the study of the basic principles involved in the production of crudes, intermediates and finished dyes; methods of manufacture and purification; identification and separation in bulk, on textiles and from foods; theories of color; photographic developers and color filters; applications of dyestuffs commercially; market conditions and patent literature; research. Twelve hours per week; eight semester-hour credits. Miss DOYLE.

#### *Third Section. Primarily for Graduates.*

51. *Analytical Methods*.—Six semester-hour credits. Additional credits may be earned by special arrangement. Professor McNEIL.

57. *Research in Physical Chemistry*.—Six semester-hour credits. Additional credits may be earned by special arrangement. Professor McNEIL.

58. *Research. Special Problems*.—Facilities for research are available in a number of lines, especially, dyestuffs and explosive substances. For particulars consult Professor McNEIL.



Students in Chemistry are invited to attend the meetings of the Chemical Society of Washington which are held on the second and fourth Thursdays of each month, from October to May, in the Assembly Hall of the Cosmos Club, at 8 p. m., and also the meetings of the Chemical Society of the George Washington University which is a most active and efficient student organization.

### CIVIL ENGINEERING

#### *First Section. Primarily for Undergraduates.*

1. *Surveying (Plane and Higher) and Geodetic (Practical) Astronomy.*—Lectures, recitations, field work, computations and drafting. Lectures and recitations include the theory, adjustment and use of surveying instruments; methods of making land, topographic, hydrographic and geodetic surveys, and determining time, latitude, longitude and azimuth.

Field work includes adjusting the various surveying instruments, determining areas, leveling, traverses, stadia distances, topography, triangulation, time, latitude, longitude and azimuth. Computation and drafting include the reduction of all field work and plotting results. Breed and Hosmer's *Surveying*, two vol. Three recitations per week and three hours per week for field and drafting work throughout the year. Section A: *Mon., Wed., Fri.*, at 1.45. Section B: *Mon., Wed., Fri.*, at 6.00. Eight semester-hour credits. Professor FRENCH.

2. *Railroad Engineering.*—This course includes recitations, field and drawing-room work. The recitations cover railroad curves and earth-work, methods of location and construction of railway lines. The field work consists of a preliminary and location survey; the laying out of circular and transition curves, etc. The computations and mapping consist of making an estimate of quantities and cost of a piece of line, making maps, profiles and a mass diagram. Two lecture-recitations and one three-hour field or drawing period a week throughout the year. Six semester-hour credits. Professor FRENCH.

3. *Highways and Pavements.*—This course comprises the study of highway economics, location, construction and maintenance; the various methods of surfacing; the materials used and the standard tests of these materials. A study is also made of the methods of street paving, street grades, etc. Two hours a week. Four semester-hour credits. Professor FRENCH.

4. *Materials of Construction.*—A course in the study of the chemical and physical properties of: stone, brick, lime, wood, iron, steel and a few of the minor alloys. Stress is laid on the manufacture and the properties of the materials that affect their use in

engineering construction. The class-room work is supplemented by laboratory tests and by inspection trips to testing laboratories and manufacturing plants. Two hours a week. Four semester-hour credits. Professor LAPHAM.

5. *Surveying Instruments*.—A two months' course for Mechanical and Electrical Engineering students, covering the use of the compass, transit, and level. Lectures and field exercises, two hours. One semester-hour credit. Professor FRENCH.

6. *Foundations*.—A two months' course for Mechanical and Electrical Engineering students, covering the general principles of foundation construction and the materials used. Two hours. One semester-hour credit. Professor LAPHAM.

*Second Section. For Undergraduates and Graduates.*

21. *Hydraulic Engineering*.—The design and construction of water-power plants and irrigation works. Flow of rivers; rainfall and runoff; methods of development; hydraulic motors; power transmission. Irrigation plans; distributing system; water rights and irrigation law. Two lectures and one design period. Six semester-hour credits. Professor LAPHAM.

22. *Structures*.—A course covering the determination of stresses in simple framed structures and their deflections by graphical and analytical methods. The first term is principally devoted to graphic statics; the second to bridge trusses under uniform and wheel loads. One lecture and two design periods. Six semester-hour credits. (Mechanical engineering students take only the first term. Three semester-hour credits.) Professor MILLER.

23. *Structures*.—A course covering the determination of stresses in the more complicated framed structures such as draw bridges, cantilever bridges and suspension bridges; also the design of timber and steel roof trusses and buildings; plate girder, riveted and pin connected bridges; bridge piers and abutments. Three lectures and two design periods. Ten semester-hour credits. Professor MILLER.

24. *Sanitary Engineering*.—Water supply; the collection, storage and distribution of water; the design and construction of dams, reservoirs and storage tanks; construction and maintenance of water distributing systems; pumping machinery; quality of water; interpretation of water analyses; sedimentation and aeration of water; sand filtration; mechanical filtration; chemical treatment of water; the relation of water supply to infectious diseases.

Sewerage; sewerage and drainage systems; methods of dis-



posal of sewage and trade wastes; treatment of sewage; garbage and refuse disposal. Three lectures and one design period. Eight semester-hour credits. Professor LAPHAM.

27. *Reinforced Concrete Construction*.—The theory and design of reinforced concrete slabs, beams, columns, foundations and walls; estimating reinforced concrete work; structures of plain concrete and masonry. Two recitations and one design period. Six semester-hour credits. Professor LAPHAM.

### *Third Section. Primarily for Graduates.*

50. *Reinforced Concrete Structures*.—Theory and design; buildings, bridges, retaining walls, dams, tanks, etc. One lecture and two design periods. Six semester-hour credits.

51. *Advanced Steel Structures*.—Theory and design of suspension, cantilever, movable and arch bridges. One lecture and two design periods. Six semester-hour credits.

53. *Railroad Engineering*.—An advanced course in railroad location construction and maintenance of way. It must be preceded by Civil Engineering Course 2. Six semester-hour credits.

54. *Water and Sewage Purifications*.—An advanced course dealing with the practical application of the principles and methods involved in the purification of water supplies and in the disposal and treatment of sewage. One lecture and two design periods. Six semester-hour credits.

## CLASSICAL LANGUAGES AND LITERATURES

### Greek

#### *First Section. Primarily for Undergraduates.*

A. *Elementary Course*.—For students who have not taken Greek before matriculating. It aims to cover as much as possible of the entrance requirement in Greek, with the exception of Homer. *Mon., Wed., Fri.*, at 10.15. Six semester-hour credits. Professor SMITH. Not given in 1922-23.

B. *Homer: Iliad I-IV*.—For students who have taken course A and desire to prepare themselves to enter Course I. *Tu., Th.*, at 9.15. Four semester-hour credits. Professor SMITH.

1. Herodotus (selections); Lysias (selected orations); Euripides (*Alcestis*); Greek prose composition. *Mon., Wed., Fri.*, at 2.45. Six semester-hour credits. Professor SMITH.

2. Xenophon (*Memorabilia*); Thucydides (*Book VII*); Sophocles (*Antigone*). *Mon., Wed., Fri.*, at 11.15. Six semester-hour credits. Professor SMITH.

*Second Section. For Undergraduates and Graduates.*

20. Plato (selections, including the *Apology* and *Crito*); Aristophanes (*Clouds* or *Frogs*). *Tu., Th.*, at 1.45. Four semester-hour credits. Professor SMITH. Not given in 1922-23.

21. Demosthenes (selected orations); Lucian (selected dialogues); Homer (selections). *Tu., Th.*, at 1.45. Four semester-hour credits. Professor SMITH.

## Latin

*First Section. Primarily for Undergraduates*

B. *Cicero's Orations and Vergil's Aeneid*.—For students who have satisfied the admission requirements in elementary Latin but have not done the work specified under the advanced requirements. It will include a thorough study of several of the *Orations* and of three or four books of the *Aeneid*, supplemented by private reading, and some practice in the writing of Latin. *Tu., Th., Sat.*, at 11.15. Six semester-hour credits. Professor SMITH.

1. Livy (Book I or XXI); Cicero (*De Senectute*); Horace (*Odes* and *Epodes*); Latin prose composition. Open to students who have satisfied the admission requirements in elementary and advanced Latin, or have satisfactorily completed Course B. *Mon., Wed., Fri.*, at 1.45. Six semester-hour credits. Professor SMITH.

2. Cicero and Pliny (selected Letters); Horace (*Satires* and *Epistles*); Martial (selections). *Mon., Wed., Fri.*, at 4.00. Six semester-hour credits. Professor SMITH.

*Second Section. For Undergraduates and Graduates.*

20. Tacitus (selections); Terence (*Phormio*); Plautus (*Captivi*). *Tu., Th.*, at 10.15. Four semester-hour credits. Professor SMITH.

21. Quintilian, Book X, and Horace, *Ars Poetica*; Catullus, Tibullus and Propertius. *Tu., Th.*, at 10.15. Four semester-hour credits. Professor SMITH. Not given in 1922-23.

22. *Advanced Latin Composition and Reading at Sight*.—Practice in Latin expression and style. *Th.*, at 2.45. Two semester-hour credits. Professor SMITH.

*Third Section. Primarily for Graduates.*

The work in this section is designed to afford discipline in the methods of philological criticism, with special reference to the interpretation of classical authors, and will include opportunities for original research on the part of competent students. In order to make the work as helpful as possible for those who expect to become teachers, the center of study each year will be one of the authors usually taught in the secondary schools. With the ap-



proval of the instructor, properly qualified Seniors may be admitted to these courses. The authors selected are as follows:

50. *Vergil, and Roman Epic Poetry*.—Two hours. Six semester-hour credits. Professor SMITH.

51. *Caesar, and the Roman Historians*.—Two hours. Six semester-hour credits. Not given in 1922-23.

52. *Cicero, and Roman Oratory*.—Two hours. Six semester-hour credits. Professor SMITH. Not given in 1922-23.

#### Classical Literature

##### *First Section. Primarily for Undergraduates.*

1. *General Survey of Classical Greek Literature (in English)*.—This course is designed to give an outline of the development of the different departments of literature in ancient Greece and will include selected readings, in translation, from the most important authors. Being primarily intended for students who are not taking Greek or Latin, it does not require a knowledge of those languages, and is open to all undergraduates as an elective. Tu., Th., at 4. Four semester-hour credits. Professor SMITH.

2. *General Survey of Latin Literature (in English)*.—This course is similar in purpose and method to Course 1, and will alternate with it. The subject of study will be the work of the most important ancient Roman authors. Tu., Th., at 4. Four semester-hour credits. Professor SMITH. Not given in 1922-23.

#### COMMERCE

##### *Second Section. For Undergraduates and Graduates.*

20. *Principles of Business*.—An introductory course in Business Economics and preparatory to the courses in Corporation, Finance, Transportation, Business Administration, etc. The following topics indicate the scope of the course, viz: Financing and management of business enterprises; purchasing; advertising; selling; ocean traffic and freight trade credit; forecasting business conditions; banking; exchange; financial statements. Not given in 1921-22. Three semester-hour credits. Assistant Professor KOCHENDERFER.

22. *The Principles of Commercial Organization and Foreign Trade*.—This course deals with the problems of marketing raw and finished products, and commercial analysis. The course affords practical preparation for expert work in foreign trade. Organization of export merchants, export agents and commission houses; advertising and trade promotion work. Tu., Th., Sat., at 5.10. Six semester-hour credits. Assistant Professor KOCHENDERFER.

25. *Foreign Trade*.—This course in foreign trade surveys international and commercial policies and the methods of conducting export and import business. A careful study of the financing of foreign trade is made. Prerequisite: Economics 1 or 2. *Mon., Wed., Fri.*, at 1.45. Six semester-hour credits. Assistant Professor SUTTON.

33. *Commercial and Maritime Law*.—A study of the principles of the law relating to commercial transactions, especially contracts, sales, bailments, agency, partnership, negotiable instruments, and common carriers, with some study of Admiralty law. Section A, *Tu., Th.*, at 11.15; Section B, *Tu., Th.*, at 6.00. Four semester-hour credits. Professor ALDEN.

36. *Commercial and Industrial Geography*.—During the first term, a general survey is made of the products, industries, and commerce of the United States and of the principal foreign countries. This survey is supplemented during the second term by a detailed study of agriculture, mining, and manufactures, throughout the world, but with special reference to the United States; separate treatment of each important crop and branch of manufactures, with inquiry into the causes of the localization of industry, *Mon., Wed., Fri.*, at 6.00. Six semester-hour credits. Assistant Professor KOCHENDERFER.

40. *Industrial and Commercial History of the United States*.—Business aspects of early American colonization; the westward movement and the public lands; the development of internal improvements and railways; tariff history and policy. Growth of industry, agriculture, commerce; labor and capital; industrial and commercial problems of today. *Mon., Wed., Fri.*, at 5.10. First half-year. Three semester-hour credits. Assistant Professor KOCHENDERFER.

42. *European Industrial Evolution and World Politics*.—A somewhat detailed study of the awakening of Japan, the problem of China, the interplay of rival imperial ambitions in the Far East, the causes of the World War, the Versailles Peace Conference and the international settlement made thereby. The introductory portion of the course will cover as intensively as time will permit agrarian problems, colonial expansion, and commercial policies, the development of industry, and transportation. *Mon., Wed., Fri.*, at 5.10. Second half-year. Three semester-hour credits. Assistant Professor KOCHENDERFER.

45. *History of Commerce*.—The rise and progress of commerce from antiquity to modern times, with particular emphasis on the effects of commerce on civilization and the relations between commercial and political development. Not given in 1921-22.



47. *Transportation*.—Development and control of transportation in the United States and Europe. Railroad construction, competition, combination, regulation, rates discrimination. Government ownership. Ocean carriage; subsidies; combination; rebates; ports and terminals; marine insurance. The U. S. Shipping Board, Railroad Administration and Emergency Fleet Corporation activities. Not given in 1921-22. Second half-year. Three semester-hour credits. Assistant Professor KOCHENDERFER.

48. *Relation of Government to Property and Industry*.—Incorporation and regulation of companies, common law and monopolies, the anti-trust acts and their results. Public utilities commissions and boards; regulations of security issues, etc. National incorporation and other methods of proposed regulation examined. Reconstruction problems. The tendency toward federal control of commerce and industry. Police power regulations, etc. Not given in 1921-22.

*Third Section. Primarily for Graduates.*

52. *Corporation Finance and International Trade Seminar*.—For qualified advanced students and graduates. Special opportunities will be offered students desiring to acquaint themselves with the best literature and do intensive work in the preparation of theses. Hours to be arranged. Four semester-hour credits. Assistant Professor KOCHENDERFER.

NOTE: *The above statements are for the session of 1921-22. For the session of 1922-23 there will be changes and rearrangements of the courses. These changes will be announced in September.*

## ECONOMICS AND SOCIOLOGY

*First Section. Primarily for Undergraduates.*

1. *General Economics*.—This course in the principles of economics studies the production and consumption of wealth, value and price, the organization of business enterprise, and the problems connected with money and banking. During the second semester, international trade, the distribution of wealth, certain selected economic problems (transportation, insurance, agriculture and socialism) and public finance are considered. Readings and problems are assigned. The class-room work is mainly discussional. Section A: *Mon., Wed., Fri.*, at 9.15; Section B: *Mon., Wed., Fri.*, at 11.15; Section C: *Tu., Th., Sat.*, at 11.15. Six semester-hour credits. Assistant Professor SUTTON.

2. *General Economics*.—An outline course in the principles of political economy devoted mainly to the study of production and exchange under present-day conditions, followed by a study of the

problems of rent, interest, wages, and profits, and including an examination of competition, private property, and economic programs. *Mon., Wed., Fri.*, at 6.00. Six semester-hour credits. Professor KERN.

*Second Section. For Undergraduates and Graduates.*

21. *Principles of Accounting*.—A first-year course in accounting designed to give the student an understanding of the purpose of accounting records and practice in making such records. Emphasis is placed upon the analysis of business facts and the construction of business statements. This course should be preceded by or taken with Economics 1. Two class hours and one two-hour practice period. *Tu., Th., Sat.*, at 9.15. Six semester-hour credits. Assistant Professor SUTTON.

22. *General Sociology*.—An outline course in the principles of sociology devoted mainly to an examination of the organization of society and its ideals, with a study of the social systems, their functions, efficiencies and programs for their development. Prerequisite, Economics or Psychology. First half-year. *Tu., Th.*, at 5.10. Two semester-hour credits. Professor KERN.

23. *Modern Social Problems*.—A further analysis of modern social conditions with special studies of current questions in sociology. Prerequisite, the course in general sociology. Second half-year. *Tu., Th.*, at 5.10. Two semester-hour credits. Professor KERN.

24. *The History of Economic Thought*.—A review of the development of economics as a science from the earliest times to the present. Lectures and library readings. Two hours, first half-year. Given in alternate years. Not given in 1922-23. Professor KERN.

26. *Public Finance*.—A course in the development of budgetary and fiscal methods and principles. The history and tendencies of public expenditure under the Federal and State Governments. The theory of taxation; administration of public domains, and industries; public debts. Second half-year. *Tu., Th.*, at 6.00. Two semester-hour credits. Professor KERN.

27. *Money and Banking*.—The history and theory of money; the production of the precious metals; the theory of prices and measurement of price fluctuations; monetary systems; the relation of the Treasury system to our money supply; the theory of credit and banking; the national system of the United States and the banking system of foreign nations. First half-year. *Tu., Th.*, at 6.00. Two semester-hour credits. Professor KERN.

28. *Economic Problems*.—An advanced course devoted to a



more thorough study of the problems developed in the general course in economics. Research and preparation of papers to be presented to the class for discussion and criticism. Credit for Course 1, General Economics, is requisite for admission to this course. Not given in 1922-23. Professor KERN.

29. *Money and Banking*.—Similar to Course 27. First half-year. Mon., Wed., Fri. at 11.15. Three semester-hour credits. Professor KERN.

30. *Public Finance*.—Similar to Course 26. Second half-year. Mon., Wed., Fri. at 11.15. Three semester-hour credits. Professor KERN.

43. *Combinations, Trusts*.—A discussion of the conditions which have favored the growth of large business combinations, the nature of their organization, their influence upon prices and productive efficiency, and the regulation and supervision of them. First half-year. Mon., Fri., at 9.15. Two semester-hour credits. Professor KERN.

44. *Labor Problems*.—A brief sketch of the labor movement in the United States and of the aims and methods of trade unions, followed by a discussion of such problems as: child labor, dangerous occupations; workingmen's insurance against sickness, old age, accident, and unemployment; strikes and industrial conflicts; conciliation and arbitration; collective bargaining. Second half-year. Mon., Fri., at 9.15. Two semester-hour credits. Professor KERN.

48. The elements of statistical method, including the definition and isolation of the problem, collection of material, classification and tabulation, diagrams and graphs, types, dispersion, correlation, probable error, methods of smoothing, during the first semester. A brief study of index numbers, and an application of elementary statistical methods to some particular field of inquiry during the second semester. Tu., Th., Sat., at 5.10. Six semester-hour credits. Doctor PHILLIPS.

49. A study of the probability curve, partial correlations, curve fitting, and error of samples during the first semester. Vital statistics, including enumeration, registration; birth, death and marriage rates; methods of adjustment, morbidity rates, and the general application of statistical methods to the field of public health, during the second semester. Prerequisite: Economics 48. Tu., Th., at 7.30 p. m. Six semester-hours. Mr. SYDENSTRICKER.

#### *Third Section. Primarily for Graduates.*

51. *Seminar in Sociology*.—A research course for the detailed investigation of special sociological problems, suitable for those

who are engaged in original investigation or in the preparation of a thesis. Hours to be arranged. Six semester-hour credits. Professor KERN.

### EDUCATION

#### *First Section. Primarily for Undergraduates.*

11. *The Elements of Education*.—An introductory course in the theory, practice, and administration of Education. First half-year. *Mon., Wed., Fri.*, at 11.15. Three semester-hour credits. Mr. SULLIVAN.

13. *History of Education*.—A brief course in the historical development of educational theory and practice. Second half-year. *Mon., Wed., Fri.*, at 11.15. Three semester-hour credits. Mr. SULLIVAN.

16. *Junior High School Methods*.—(a) First half-year: General Science. (b) Second half-year: Mathematics. A consideration of course of study, subject-matter, text-books, and methods of presentation. *Mon., Fri.*, at 4. Four semester-hour credits.

18. *Junior High School Methods*.—(a) First half-year: History. (b) Second half-year: English. Course of study, textbooks, subject-matter, and methods of presentation. *Tu., Th.*, at 4. Four semester-hour credits.

#### *Second Section. For Undergraduates and Graduates.*

20a. *Principles of Teaching*.—A comprehensive course in the principles underlying the teaching process in its intellectual, emotional and motor phases. Special attention is given to making teaching concrete and meaningful. First half-year. *Mon., Wed., Fri.*, at 9.15. Three semester-hour credits. Professor RUEDIGER.

20b. *Principles of Education*.—A comprehensive course in the bases, aims, values and essential content of education as revealed by biological, psychological, sociological and ethical principles. Second half-year. *Mon., Wed., Fri.*, at 9.15. Three semester-hour credits. Professor RUEDIGER.

21a. *Principles of Education*.—A brief course in the bases, aims, values and essential content of education as revealed by biological, psychological, sociological and ethical principles. Second half-year. *Tu., Th.*, at 4.00. Two semester-hour credits. Professor RUEDIGER.

21b. *Principles of Teaching*.—A brief course in the psychological and logical principles underlying the teaching process. Second half-year. *Tu., Th.*, at 4.00. Two semester-hour credits. Assistant Professor MOSS.

(Courses 20 and 21 should be preceded or accompanied by gen-



eral psychology. Course 21 is designed especially for teachers in service.)

22. *History of Education*.—A general course in the historical development of educational theory and practice. *Sat.*, 9.15-11.15. Four semester-hour credits. Professor RUEDIGER.

25. *Secondary Education*.—First semester: (a) A study of the administrative and pedagogical aspects of the Junior High School. Second semester: (b) The Senior High School. *Mon., Wed., Fri.*, at 5.10. Six semester-hour credits. Mr. SULLIVAN.

27. *School Administration*.—The public school system: Its development; economic and political relations; organization of administration, financial and educational; problems of administration. First half-year. *Mon., Wed., Fri.*, at 6.00 Three semester-hour credits. Mr. SULLIVAN.

28. *Supervision and Management*.—Second half-year. *Mon., Wed., Fri.*, at 6.00. Three semester-hour credits. Mr. SULLIVAN.

29. *Educational Story Telling*.—Study of type stories, adaptation of the stories, practical story telling. It is the purpose of the course to develop a basis for the selection and presentation of suitable children's literature, taking into consideration the various stages of the child's development. Lectures, required reading and reports. Not given in 1922-23. Four semester-hour credits. Mrs. ALBION.

31. *Mental and Educational Tests*.—First semester: The testing of general intelligence and special abilities, accompanied by practical work with group and individual tests. Second semester: Measurement in education; principles underlying the construction of tests and examinations; practice in the use of standardized scales and tests. *Sat.*, 9.15-11.15. Four semester-hour credits. Assistant Professor MOSS.

34. *Observation*.—Observation of experienced teachers, under guidance, followed by discussion. The course should normally be taken in the junior year. Two semester-hour credits. Mr. SULLIVAN.

35. *Practice Teaching*.—Teaching under supervision and criticism. The course should normally be taken in the senior year. Two semester-hour credits. Mr. SULLIVAN.

#### *Third Section. Primarily for Graduates.*

50. *Seminar in Education*.—Topic for 1922-23: Vocational Education. Recent books and current periodical literature in this field will be reviewed, and a paper embodying constructive scholarship will be required of each member of the class. Open to qualified undergraduates. *Tu., Th.*, at 5.10. Six semester-hour credits. Professor RUEIDGER.

## ELECTRICAL ENGINEERING

1. *Engineering Electricity*.—Study of direct circuits, electro-magnetism, electro-magnetic induction, the direct current dynamo, direct current measurements, three-phase alternating currents, transmission lines, synchronous generators and motors, synchronous converters, rectifiers, transformers, induction motors and other types of alternating current motors. Hudson's "Engineering Electricity." Two hours. Four semester-hour credits. Assistant Professor AMES.

2. *Direct Current Theory; Dynamo Machinery and Alternating Currents*.—During the first half of the year the elements of electricity are studied, together with the principles involved in the construction and operation of direct current dynamos and motors. After a foundation of the elements of electricity has been established, direct current machines are examined, resulting in the discussion of the different forms of armatures, of their windings, cores, commutator, the various fields, the methods of arranging the windings for different purposes; the shape and materials of magnetic circuits; and the selection of types suited for performances of specific duties.

During the second half of the year, direct current machines are further studied, illustrating the characteristic curves and efficiencies of the different types. An introduction to the characteristics of alternating currents is taken up, together with the solutions of simple and complex circuits, involving complex numbers and vectors. Numerous problems are assigned throughout the course. Prerequisite: Physics 1. Franklin and Esty, "Elements of Electrical Engineering," and Hudson's "Engineering Electricity." Three hours. Six semester-hour credits. Assistant Professor AMES.

4. *Electrical Laboratory*.—A laboratory course for Juniors, involving experiments on measurements and tests of direct current machines. Ample instruction is given so that the student may gain a clear knowledge of the object of the experiment and so that no important point may be overlooked. Complete and concise reports describing each experiment and showing the results of the various tests are required from all students. Swenson & Frankfield "Testing of Electro-Magnetic Machinery." Two three-hour periods, first half-year. Two semester-hour credits. Assistant Professor AMES.

5. *Electrical Laboratory*.—A continuation of E. E. 4, in which further tests on direct current machines are made, involving a study of the performance characteristics of the different types; also tests of watt hour meters, arc lamps and circuit breakers.



Prerequisite: E. E. 4. Two three-hour periods, second half-year. Two semester-hour credits. Assistant Professor AMES.

*Second Section. For Undergraduates and Graduates.*

21. *Alternating Current Theory and Machinery.*—A continuation of E. E. 2, covering the principles of simple and polyphase currents, including study of alternators, synchronous converters, induction motors, synchronous motors, transformers, etc. Jackson's "Alternating Currents and Alternating Current Machinery" and Lawrence's "Principles of Alternating Current Machinery." Four hours. Eight semester-hour credits. Assistant Professor AMES.

22. *Electrical Distribution.*—A course for Seniors in Electrical Engineering, covering the whole field of distribution of electricity for light and power. Textbook: Ferguson's "Elements of Electrical Transmission." Two hours, first half-year. Two semester-hour credits. Dr. MEYER.

23. *Electrical Applications.*—A course for Seniors in Electrical Engineering, covering the more important applications of electricity, such as electric generating stations, motive power, electro-metallurgy, etc. Two hours, second half-year. Two semester-hour credits. Dr. MEYER.

24. *Advanced Electrical Laboratory.*—Determination of impedance, inductance, capacitance. Measurement of power in alternating current circuits, test and calibration of watt hour meters. Regulation and efficiency tests of alternators and transformers. Tests of synchronous motors and converters, induction and repulsion motors. Swenson & Frankenfield "Testing of Electro-Magnetic Machinery." Vol. II (alternating currents). Two three-hour periods. Four semester-hour credits. Assistant Professor AMES.

27. *Electric Railways.*—A course for Seniors in Electrical Engineering covering the theory and practice of modern, direct and alternating current railways. Buck's "The Electric Railway." Two hours, one term. Two semester-hour credits. Assistant Professor AMES.

28. *Telephones and Telegraphs.*—Study of magneto, common battery, and automatic telephones; land and submarine telegraph; including receivers, transmitters, switchboards, lines and circuits. An introduction to theory of wireless telegraph and telephone. Two hours. Four semester-hour credits. Assistant Professor AMES.

29. *Electric Illumination.*—A study of the underlying principles of scientific illumination, exterior and interior. Color combina-

tions, control absorption, and reflection are considered. Detail study is also made of different types of lamps, shades, arrangement of light sources, effect of walls, etc. Two hours, one term. Two semester-hour credits. Assistant Professor AMES.

30. *Design*.—A course covering the design of simple electrical apparatus, such as switches, circuit breakers, and switchboards. Dynamo design is taken up and various types studied. Layouts of central stations and substations with necessary electrical equipment are made. Still's "Principles of Electrical Design." Two hours, one term. Two semester-hour credits. Assistant Professor AMES.

### *Third Section. Primarily for Graduates.*

50. *Radio-electricity*.—A mathematical treatment of the fundamental principles with an exposition of their application to present-day practice. Problems based on the methods used and the apparatus employed in the generation of oscillatory currents; the reception of signals; and other features developed in the utilization of this method of transmission will be discussed. Six semester-hour credits, as a minor; ten semester-hour credits, as a Major. Professor COHEN.

## ENGLISH

### *First Section. Primarily for Undergraduates.*

1. *English Rhetoric*.—A study of the principles of self-expression through language with practice in composition. *Tu., Th., Sat.*, at 10.15. Six semester-hour credits. Professor WILBUR and Dr. BRIGHAM.

2. *English Rhetoric*.—Parallel with Course 1. *Mon., Wed., Fri.*, at 5.10. Six semester-hour credits. Professor WILBUR and Dr. BRIGHAM.

NOTE.—Credit for Course 1 or 2 is requisite for admission to any other course in English except 5 and 6.

5. *Survey of English Literature*.—*Mon., Wed., Fri.*, at 9.15. Six semester-hour credits. Assistant Professor BOLWELL.

6. *Survey of English Literature*.—Parallel with Course 5. *Tu., Th., Sat.*, at 5.10. Six semester-hour credits. Assistant Professor BOLWELL.

### *Second Section. For Undergraduates and Graduates.*

22. *Shakespeare*.—The first eighteen plays in chronological sequence through King Henry the Fifth. (The Temple edition of Shakespeare is recommended.) Six semester-hour credits. Not given in 1922-23. Professor WILBUR.

23. *Shakespeare*.—Nineteen plays in chronological sequence be-



ginning with *As You Like It*. *Mon., Wed., Fri.*, at 10.15. Six semester-hour credits. Professor WILBUR.

24. *English Drama to 1642*.—From the beginning, exclusive of Shakespeare, to the closing of the theatres. Six semester-hour credits. Given 1923-24. Assistant Professor BOLWELL.

25. *English Drama Since 1642*.—Prerequisite: English 5 or 6. *Mon., Wed., Fri.*, at 6.00. Six semester-hour credits. Professor CROISSANT.

27. *Nineteenth Century English Prose*.—Prerequisite: English 5 or 6. *Mon., Wed., Fri.*, at 4.00. Six semester-hour credits. Professor CROISSANT.

29. *American Literature*.—Prerequisite: English 5 or 6. *Tu., Th., Sat.*, at 10.15. Six semester-hour credits. Professor CROISSANT.

30. *Types of Literature*.—Prerequisite: English 5 or 6. *Tu., Th., Sat.*, at 11.15. Six semester-hour credits. Professor CROISSANT.

31. *Journalism*.—The fundamentals of newspaper writing. *Mon., Wed., Fri.*, at 5.10. Six semester-hour credits. Mr. CHACE.

36. *The Development of the Novel*.—The evolution of prose fiction from medieval romance to the modern novel. *Mon., Wed., Fri.*, at 10.15. Six semester-hour credits. Assistant Professor BOLWELL.

39. *Advanced Composition*.—The practice and criticism of modern literary forms. *Tu., Th.*, at 4.00. Four semester-hour credits. Assistant Professor BOLWELL.

### *Third Section. Primarily for Graduates.*

50. *Milton*.—*Paradise Lost* and *Paradise Regained*. *Mon., Wed., Fri.*, at 6.00. Six semester-hour credits. Professor WILBUR.

53. *Browning and Tennyson*.—Six semester-hour credits. Not given 1922-23. Professor WILBUR.

56. *English Comedy*.—Prerequisite: English 24. This course should be taken only by those who have time to use the Library of Congress. *Mon., Wed., Fri.*, at 5.10. Six semester-hour credits. Professor CROISSANT.

57. *English and American Drama of the Nineteenth Century*.—Prerequisite: English 25. Six semester-hour credits. Not given in 1922-23. Professor CROISSANT.

60. *Anglo-Saxon Grammar and Literature*.—First semester, grammar and prose readings; second semester, *Beowulf* and other poetry. Six semester-hour credits. Given 1923-24. Assistant Professor BOLWELL.

61. *Middle English and Chaucer*.—First semester, 12th and 13th century literature; second semester, Chaucer and his contempo-

raries. Six semester-hour credits. Not given 1922-23. Assistant Professor BOLWELL.

62. *Literature of Fifteenth and Sixteenth Centuries*.—First semester, followers of Chaucer and the Renaissance; second semester, Elizabethan literature. Six semester-hour credits. Saturday seminar, at 10.15. Assistant Professor BOLWELL.

### ETHNOLOGY

#### *Third Section. Primarily for Graduates.*

50. *General Introduction to Ethnology*.—A general course embracing man's place in nature; ancient man; the elements of physical anthropology; the application of statistical methods to physical anthropology; classification of living races; sociology, religious ideas, ethical ideas, and languages of primitive peoples; the beginnings of literature and art; linguistic survey of the world; ethnological survey of the world; discussion of the problems of independent origins versus diffusion; the classical British, Graebnerian, and American schools. Lectures and collateral readings. *Tu., Th., Sat.*, at 5.10. Six semester-hour credits. Professor MICHELSON.

51. *Outlines of North American Ethnology*.—As full a description of the aborigines of North America as the time will permit. Lectures and assigned readings. *Mon., Wed.*, at 5.10. Four semester-hour credits. Professor MICHELSON.

52. *American Indian Languages*.—This is an introductory course, and presupposes only a moderate amount of previous linguistic training. After a brief introduction to the subject, two stocks will be studied, one in each half-year. *Two hours a week*. Four semester-hour credits. Professor MICHELSON.

53. *American Indian Languages* (second course).—This is an advanced course, and members must have taken Course 52, unless they have done an equivalent elsewhere. *One hour a week*. Two semester-hour credits. Not given in 1922-23. Professor MICHELSON.

54. *Seminar in Ethnology*.—Competent students will be assigned topics, and the results discussed at a weekly meeting. Six semester-hour credits. Prerequisite: Course 50 with grade of A or B, or other evidence of previous training satisfactory to the instructor. This course may be taken four times, counting each time. The subject-matter will be changed yearly. This will be in accordance with the needs of individual students. Professor MICHELSON.

### FRENCH

See Romance Languages.



## GEOLOGY AND MINERALOGY

*First Section. Primarily for Undergraduates.*

1. *Mineralogy*.—Crystallographic, descriptive, and determinative mineralogy. This course is designed with especial reference to minerals as rock constituents or segregated as ore deposits. It includes, therefore, a discussion of not merely the crystallographic and theoretical, but the practical side of the subjects as well. Whenever possible, it should be considered as introductory to the courses in either systematic or economic geology. *Mon., Fri.*, at 5.10. Four semester-hour credits. Professor BASSLER and Dr. RESSER.

2. *Geology*.—Systematic geology; dynamical, structural, and stratigraphical. The course is designed to form a part of a general-culture course or a preliminary course for those intending to make a specialty of geology. It includes lectures, recitations, laboratory and field work so far as hours will permit. Paleontology is treated as a branch of geology, having especial reference to stratigraphy and correlation. Textbook: Cleland's *Geology*. *Mon., Fri.*, at 6.00. Four semester-hour credits. Professor BASSLER and Dr. RESSER.

3. *General Geography*.—This course presents the principles of geography by a study of the phenomena of the earth as a whole, the interrelations of these phenomena and their influence upon human affairs. It consists of two parts: first, a study of the general geographic principles; and second, a brief survey of several regions and countries for the application of these principles. It is a general culture lecture course illustrated by charts and lantern slides. No course is prerequisite. *Wed.*, at 5.10. Two semester-hour credits. Dr. RESSER.

4. *Physiographic Geography*.—A general culture, illustrated, lecture course treating of the physical phases of geography, the earth's surface, atmosphere, and the distribution of life. *Wed.*, at 6.00. Two semester-hour credits. Not given in 1922-23.

6. *Human Geography*.—A general culture course in the newer treatment of geography. Human geography has as its object the study of the relationships between human activity and the phenomena of physical geography. It is of particular value in broadening one's ideas and in the study of such human subjects as History and Sociology. *Wed.*, at 6.00. Two semester-hour credits. Dr. RESSER.

Part A given 1921-1922. Part B, a continuation, given 1922-23.

*Second Section. For Undergraduates and Graduates.*

20. *Economic Geology*.—[Geology 1 and 2 and Chemistry 1 are prerequisite for this course.] The course covers the subjects comprised under: (1) Mineral veins and metalliferous deposits, their mode of occurrence, origin, and classification; (2) the ores of iron, copper, lead, zinc, tin, silver, gold, mercury, antimony, etc.; and (3) the non-metallic minerals as the coals and hydrocarbon compounds; salts and minerals used in chemical manufactures; abrasive, refractory, and fictile materials, pigments, gems, ornamental stones, building stones, limes, cements, and mineral waters. Textbook: Ries' *Economic Geology*. Mon., Wed., Fri., at 5.10. Given in alternate years. Six semester-hour credits. Professor BASSLER.

21. *Engineering Geology*.—This course is intended primarily for civil engineers and others interested in applied geology. The work covers the general principles of geology with special emphasis upon those relating to engineering problems. The structure of rocks relative to building operations, the controlling factors of water supply, water purification and similar problems are discussed in detail. Textbook, *Engineering Geology* by Ries and Watson. Mon., Fri., at 4.20. Four semester-hour credits. Dr. RESSER.

22. *Paleontology*.—A course in lecture and laboratory work on the biological and geological relations of the more important types of animals and plants, with especial reference to their value in stratigraphic geology. Six semester-hour credits. Professor BASSLER.

*Third Section. Primarily for Graduates.*

50. (A) *Advanced Geology*; (B) *Mineralogy*; (C) *Paleontology*.—Advanced courses in these subjects may be arranged for competent students. Six semester-hour credits. Professor BASSLER.

51. *Advanced Geography*.—Advanced courses may be arranged in this subject for qualified students. Six semester-hour credits. Dr. RESSER.

## GERMANIC LANGUAGES AND LITERATURE

*First Section. Primarily for Undergraduates.*

1. *Elementary*.—The essentials of German grammar; translation of easy prose and poetry; beginning conversation; composition and dictation. This course is open to beginners, and the work done is equivalent to that of a two year's course in high schools and academies of good standing. Tu., Th., Sat., at 11.15. Six semester-hour credits. Professor SCHOENFELD.



2. Parallel with Course 1. *Tu., Th., Sat.*, at 5.10. Six semester-hour credits. Professor SCHMIDT.

3. Selected texts from the best contemporary authors will be read and one or more of the German classics carefully studied. The work in grammar and composition done in elementary German will be continued, with special emphasis on syntax, word-formation, and the relationship of German and English; conversation continued. This course is equivalent to the advanced German of the admission requirements, and it is open only to students who have passed Course 1 or 2, or have satisfied the admission requirement in elementary German. *Mon., Wed., Fri.*, at 11.15. Six semester-hour credits. Professor SCHOENFELD.

4. *Parallel with Course 3.*—Contemporary German is read during the first half-year and classical during the second half-year. *Mon., Wed., Fri.*, at 6.00. Six semester-hour credits. Professor SCHMIDT.

6. *Scientific and Technical German.*—Designed primarily for students in the scientific and engineering courses. This course may be taken by students who have passed Course 1 or 2, or who have satisfied the admission requirement in elementary German. *Tu., Th., Sat.*, at 6.00. Six semester-hour credits. Professor SCHMIDT.

7. Advanced course in German syntax; principal difficulties of the language; idioms, synonyms; translations of English prose into German; essays; selected advanced prose; classical and historical reading and literature; advanced science. Open to students who have passed Course 3 or have satisfied the admission requirement in advanced German. *Mon., Wed., Fri.*, at 1.45. Six semester-hour credits. Professor SCHOENFELD.

8. Parallel with Course 7, with special reference to advanced students both in the historic-political and the scientific departments. *Tu., Th., Sat.*, at 5.10. Six semester-hour credits. Professor SCHOENFELD.

*Second Section. For Undergraduates and Graduates.*

20. *Outline of the History of German Literature and Civilization from the Teutonic Origins to the Renaissance and Reformation*, with reference to the emerging of the Germanic, Romance, and Slavic races. Anthology of the early literary monuments to the Minnesingers.—Lectures, extensive readings of the classics of the first period of bloom; advanced practice in writings, essays. *Mon., Wed., Fri.*, at 10.15. Six semester-hour credits. Professor SCHOENFELD.

21. *German Literature of the Second Classic Period at Its*

*Zenith.*—Lessing's Life and Work; Goethe's work in the Natural Sciences; Schiller's drama at its zenith; Goethe's and Winckelmann's influence on German art; with special reference to the modern drama; Goethe's Faust, as a special critical and philosophical study; classical ballad and lyric poetry; renaissance of the German volkslied in the eighteenth and nineteenth centuries. *Mon., Wed., Fri.*, at 5.10. Six semester-hour credits. Professor SCHOENFELD.

22. *The Currents of German Literature from the Beginning of the Nineteenth Century Until 1870.*—Romanticism, its social and political aspects; Modern German Drama, with special emphasis on Kleist, Grillparzer, Hebbel; Lyrics and Ballads; Uhland and Heine. *Mon., Wed., Fri.*, at 5.10. Not given in 1922-23. Six semester-hour credits. Professor SCHOENFELD.

#### *Third Section. Primarily for Graduates.*

50. *Seminar in the History of Middle High German Literature*, with special reference to the Epic and Lyrical Poetry in the Twelfth and Thirteenth Centuries. Introduction to scientific methods of historical and literary research in the Nibelungenlied and the Gudrunsa. Six semester-hour credits. Professor SCHOENFELD.

51. *Gothic.*—Introduction to comparative Indo-European Grammar. Six semester-hour credits. Professor SCHMIDT.

52. *Old High German.*—The development of the German language. Six semester-hour credits. Professor SCHMIDT.

Only one of the foregoing two courses (51, 52) is given in any one year.

For notice of the Richard Heinzel Germanic Library, see page 11.

### GREEK

See Classical Language.

### HISTORY

#### *First Section. Primarily for Undergraduates.*

1. *Mediaeval History.*—A history of the settlement of the Germanic tribes in the territory of the Empire, with a study of feudal institutions, extending through the movements of the Crusades; texts, with assigned readings. First half-year. *Mon., Wed., Fri.*, at 2.45. Three semester-hour credits. Professor SWISHER.

2. *Mediaeval History.*—A history of the evolution of national government extending through the periods of the Renaissance and the Protestant Revolution; texts and assigned readings. Second half-year. Three semester-hour credits. *Mon., Wed., Fri.*, at 2.45. Professor SWISHER.



3. *Modern European History*.—A study of the European States under the new conditions resulting from the discovery of America and the opening of the oriental trade routes, extending through the period of the French Revolution; texts, lectures and collateral readings. First half-year. *Mon., Wed., Fri.*, at 3.45. Three semester-hour credits. Professor SWISHER.

4. A continuation of the preceding through the revolutionary movements of the nineteenth century with a more detailed study of recent issues; texts, lectures and collateral readings. Second half-year. *Mon., Wed., Fri.*, at 3.45. Three semester-hour credits. Professor SWISHER.

5. *Ancient History*.—A study of the history of the ancient Oriental peoples, and of Greece. First half-year. *Tu., Th., Sat.*, at 9.15. Three semester-hour credits. Assistant Professor KAYSER.

6. *Ancient History*.—A study of Roman history from the beginnings to the fall of the Western Empire. Second half-year. *Tu., Th., Sat.*, at 9.15. Three semester-hour credits. Assistant Professor KAYSER.

7. *General European History*.—A study of the history of Mediaeval Europe from the fall of the Western Empire through the Renaissance. First half-year. *Mon., Wed., Fri.*, at 9.15. Three semester-hour credits. Assistant Professor KAYSER.

8. *General European History*.—A study of the history of Modern Europe from the Renaissance to the present time. Second half-year. *Mon., Wed., Fri.*, at 9.15. Three semester-hour credits. Assistant Professor KAYSER.

9. *American History*.—A general introductory course in the history of the United States. Text, lectures, assigned reading, and reports. *Tu., Th., Sat.*, at 11.15. Six semester-hour credits. Professor CHURCHILL.

*Second Section. For Undergraduates and Graduates.*

22. *American History*.—The United States, 1783-1860. Text, lectures and collateral reading. *Tu., Th., Sat.*, at 10.15. Six semester-hour credits. Professor CHURCHILL.

23. *American History*.—The Colonial Period to 1783. Second half-year. *Mon., Wed., Fri.*, at 2.45. Three semester-hour credits. Professor CHURCHILL. Not given 1922-23.

24. *American History*.—The United States history since 1860. Second half-year. *Mon., Wed., Fri.*, at 2.45. Three semester-hour credits. Professor CHURCHILL.

25. *English History*.—A general course in English history with special attention to constitutional and political development. Texts, lectures and collateral reading. *Mon., Wed., Fri.*, at 5.10. Six semester-hour credits. Professor CHURCHILL.

26. *American History*.—The History of the West. Lectures, reports, collateral reading, and special reports on topics chosen under the advice of the instructor. A general acquaintance with American History is presupposed. *Mon., Wed., Fri.*, at 6.00. Six semester-hour credits. Professor CHURCHILL.

27. *Latin-American History*.—The history of colonial Latin-America, with special reference to European conditions and of the principal Latin-American countries to the present time. Lectures, texts and reports on collateral reading. First half-year. *Mon., Wed., Fri.*, at 2.45. Three semester-hour credits. Professor CHURCHILL.

29. *Ancient History*.—An advanced course for students who have completed Courses 5 and 6, or who otherwise satisfy the instructor of their fitness to pursue the course. The ancient history of the Near East. Not given 1922-23. The history of ancient Greece. Given 1922-23. The history of ancient Rome. Given 1921-22. Not given 1922-23. Three periods a week. Six semester-hour credits. Assistant Professor KAYSER.

30. *American Constitutional History*.—A study of the origin and growth of constitutional representative government of the United States, giving special attention to the development of the Federal Constitution of 1789, and to its interpretation under the pressure of party issues. Lectures, textbooks, and collateral readings. *Mon., Wed., Fri.*, at 6.00. Six semester-hour credits. Assistant Professor MCARTHUR.

31. *Modern European History*.—A study of the French revolution and subsequent reaction extending through the Revolution of 1848. First half-year. *Tu., Th., Sat.*, at 6.00. Three semester-hour credits. Professor SWISHER.

32. *Modern European History*.—From 1850 to the present time. Second half-year. *Tu., Th., Sat.*, at 6.00. Three semester-hour credits. Professor SWISHER.

33. *Current History*.—A discussion of political questions of the day, with special reference to their origin and historical significance. Lectures throughout the year. *Sat.*, at 11.15. Two semester-hour credits. Professor SWISHER.

35. *General History*.—History of Europe from the fall of the Empire of the West to the election of Charles V. *Tu., Th., Sat.*, at 5.10. Six semester-hour credits. Professor SWISHER and Assistant Professor MCARTHUR.

#### *Third Section. Primarily for Graduates.*

54. *Seminary Work*.—The results of individual research, conducted by graduate students upon assigned topics, will be discussed at the weekly meetings of the Seminaries in History.



Undergraduate students qualified by previous historical study, who desire to do intensive work with a view to gaining fuller information upon special periods or facility in the use of historical materials, may, with the approval of the instructor, be admitted to the historical seminars. Regular meeting of Seminary in Modern European History *Saturday, 12.15-2.15*. Six semester-hour credits. Professor SWISHER.

55. *Seminary in English and American History*.—Readings and research work to meet the individual needs of advanced students. Readings, conference and reports. Conference hour: *Mon., 4-5*. Six semester-hour credits. Professor CHURCHILL.

### HOME ECONOMICS

#### *First Section. Primarily for Undergraduates.*

1. *Domestic Science*.—Cooking, meal planning, table service and simple dietetics. Lecture, *Mon., 1.45*; laboratory, *Wed., Fri., 1.45-3.45*. Six semester-hour credits. Miss EVANS.

2. *Domestic Science*.—Parallel with Course 1. Lecture, *Mon., 5.10*; laboratory, *Wed., Fri., 5.10-6.50*. Six semester-hour credits. Miss EVANS.

3. *Domestic Science*.—Advanced course open to those who have had Home Economics 1 or its equivalent. (a) Experimental cookery, introducing research work, formation of recipes through experiment. (b) Demonstration cookery, introducing more complicated methods of cooking, use of unusual seasonings, flavorings and fancy cookery. *Wed., Fri., 1.45-3.45*. Four semester-hour credits. Miss EVANS.

4. *Domestic Science*.—Parallel with Course 3. *Wed., Fri., 5.10-6.50*. Miss EVANS.

11. *Household Management*.—The home and homemaking; division of income; equipment and organization; labor-saving devices; cleaning, marketing and care of clothing. First half-year. *Tu., Th., at 9.15*. Two semester-hour credits. Miss EVANS.

13. *Foods*.—The production, manufacture and value of the common foods: Wheat, corn, rice, etc., and the food products derived from them; cocoa, chocolate, coffee, tea. Second half-year. *Tu., Th., at 9.15*. Two semester-hour credits. Miss EVANS.

14. *Textiles and Clothing*.—This course includes a brief study of the kinds, manufacture and uses of the various textiles; also practice in the use of the sewing machine; in the application of the fundamental stitches and the making of simple garments, and in the use of commercial patterns. *Tu., Th., at 5.10*. Four semester-hour credits. Miss EVANS.

15. *Textiles and Clothing*.—Parallel with course 14. *Tu., Th., at 1.45*. Four semester-hour credits. Miss EVANS.

## INTERNATIONAL LAW AND DIPLOMACY

See Political Science.

## LATIN

See Classical Languages.

## MATHEMATICS

*First Section. Primarily for Undergraduates.*

3. *College Algebra; Solid Geometry; Plane Trigonometry.*—Algebra is studied during the first half-year, solid geometry during February and March, and trigonometry during April and May. Mon., Wed., Fri., at 9.15. Six semester-hour credits. Mr. HANKIN.

4. *Algebra; Plane Trigonometry.*—Algebra is studied until April 1, and trigonometry during April and May. This course is planned for students who present only one admission unit in Algebra and for students who need a review of intermediate Algebra. Mon., Wed., Fri., at 5.10. Six semester-hour credits. Section A: Assistant Professor HODGKINS. Section B: Mr. HANKIN.

5. *Algebra; Plane Trigonometry.*—Parallel with Course 4. Tu., Th., Sat., at 9.15. Six semester-hour credits. Mr. HANKIN.

6. *College Algebra; Solid Geometry; Plane Trigonometry.*—Parallel with Course 3. Mon., Wed., Fri., at 6.00. Six semester-hour credits. Section A: Assistant Professor HODGKINS. Section B: Mr. HANKIN.

8. *College Algebra.*—Second half-year. Three semester-hour credits. Mr. WALLIS.

9. *Trigonometry; Analytic Geometry.*—Trigonometry until Jan. 1, analytic geometry for the remainder of the session. The completion of Course 3, 4 or 6 is requisite for admission to this course. Mon., Wed., Fri., at 10.15. Six semester-hour credits. Professor ERWIN.

12. *Trigonometry; Analytic Geometry.*—Parallel with Course 9. Section A: Mon., Wed., Fri., at 5.10. Section B: Mon., Wed., Fri., at 6.00. Section C: Tu. Th., Sat., at 6.00. Six semester-hour credits. Professor ERWIN and Mr. HANKIN.

18. *Differential and Integral Calculus; Elements of Differential Equations.*—Tu., Th., Sat., at 5.10. Six semester-hour credits. Professor HODGKINS.

19. *Differential and Integral Calculus; Elements of Differential Equations.*—Tu., Th., Sat., at 9.15. Six semester-hour credits. Professor HODGKINS.



*Second Section. For Undergraduates and Graduates.*

24. *An Elementary Treatise on the Theory of Equations; The Number-System of Algebra.*—Tu., Th., Sat., at 10.15. First half-year. Three semester-hour credits. Professor ERWIN.

25. *Introduction to Infinitesimal Analysis; Hyperbolic Functions.*—Tu., Th., Sat., at 10.15. Second half-year. Three semester-hour credits. Professor ERWIN.

30. *Differential Equations.*—Mon., Fri., at 11.15. Four semester-hour credits. Professor HODGKINS.

31. *Least Squares.*—Tu., Th., at 10.15. Second half-year. Two semester-hour credits. Professor HODGKINS.

32. *Differential Equations.*—First half-year. Three semester-hour credits. Mr. HANKIN.

*Third Section. Primarily for Graduates.*

54. *Theory of Functions of a Complex Variable.*—Tu., Th., Sat., at 5.10. Six semester-hour credits. Professor ERWIN.

55. *Differential Geometry.*—Tu., Th., Sat., at 5.10. Six semester-hour credits. Professor ERWIN.

NOTE.—Not more than two of the Courses 24, 25, 54 and 55 will be given during any one semester.

56. *Mathematical Logic.*—The nature of mathematical reasoning; the fundamental concepts of mathematics; mathematical systems; consistency, independence and completeness of postulates; postulates for geometries, algebras and logic; the "algebra" of logic. Second half-year. Three semester-hour credits. Mr. HANKIN.

## MECHANICAL DRAWING

*First Section. Primarily for Undergraduates.*

1. *Mechanical Drawing.*—A general course embracing the care and use of instruments; free-hand lettering, orthographic and isometric projections; sketching of simple machine details; principle of working drawings; curve plotting. Section A: Mon., Wed., 1.45 to 4.45. Section B: Mon., Fri., 7.30 to 10.30 p. m. Four semester-hour credits. Mr. CRUICKSHANKS, Mr. WILSON.

2. *Machine Drawing.*—A course in working drawings especially designed for Mechanical and Electrical Engineering students. The course is largely one of empirical design of standard parts. Much stress is laid upon drafting-room practice, arrangement of views and conventional forms and standards. Section A: Mon., Wed., 1.45 to 4.45. Section B: Tu., Th., 7.30 to 10.30 p. m. Four semester-hour credits. Mr. CRUICKSHANKS, Mr. WILSON.

4. *Mechanical Drawing.*—A course for Chemical students. Sec-

32. *Industrial Management*.—A course dealing with the business systems of manufacturing establishments.

The work includes a study of the organization and relations of the various departments of an industrial establishment, both in the office and in the workshop. It also discusses the conduct of accounts, the method of superintendence and of compensating labor, the determination of the cost of production, and the effect on costs of different systems of distributing indirect expenses. This course also considers the factors which enter into a determination of the depreciation of structures and the economic selection thereof. Two hours, first half-year. Two semester-hour credits. Assistant Professor PLATT.

33. *Engineering Economics*.—A course which is primarily a continuation of Industrial Management, dealing with the financial conditions rather than business systems. This course includes the study and solutions of many problems in economic selections for engineering equipment, featuring the first costs, operating costs, depreciation and salvage values. Two hours, second half-year. Two semester-hour credits. Assistant Professor PLATT.

34. *Refrigeration*.—This course deals with the thermodynamics and operation of refrigeration machinery. A study is made of the methods used in refrigeration for cold storage, and manufacture of ice, while the economic costs of installation and operation are considered in problems. Two hours, one half-year. Two semester-hour credits. Assistant Professor PLATT.

*Third Section. Primarily for Graduates.*

50. *Advanced Machine Design*.—Six semester-hour credits. Assistant Professor PLATT.

51. *Advanced Power Plant Design*.—Six semester-hour credits. Assistant Professor PLATT.

## METEOROLOGY

*Third Section. Primarily for Graduates.*

50. *Applied Meteorology*.—Investigation of the underlying laws governing meteorological phenomena and of the methods employed in practice for their interpretation and applications. Six semester-hour credits. Professor MOORE.

51. *Meteorological Physics*.—This course presupposes collegiate training in general physics. Particular attention will be given to the interpretation of meteorological phenomena in the light of modern physics; and those wishing to make this their principal study will be assisted in the selection of a suitable problem for investigation and advised in the collection of data necessary to its solution. Six semester-hour credits. Professor HUMPHREYS.



## NAUTICAL SCIENCE

*First Section. Primarily for Undergraduates.*

1. *Nautical Science*.—Marine and aerial navigation; nautical astronomy; nautical almanac; production and use of nautical charts; tides; applications of meteorology, terrestrial magnetism and oceanography to navigation and seamanship; deviation of the compass in iron and steel ships; theory and use of instruments of navigation. Four semester-hour credits. Professor LITTLEHALES.

*Third Section. Primarily for Graduates.*

50. *Nautical Science*.—Special investigations requiring original thought in relation to avenues of progress, such as the neutralization of the effects of the ship's magnetism upon the compass, the development of the gyroscopic compass, the supplying of means to enable seamen to make astronomical observations at night or when the horizon is hidden from view. The applications of nautical astronomy to aerial navigation. Conferences, assigned readings, direction of research. Six semester-hour credits. Professor LITTLEHALES.

## PHILOSOPHY AND PSYCHOLOGY

*First Section. Primarily for Undergraduates.*

1. *General Psychology*.—An introductory study of human behavior carried on by means of textbook assignments, classroom discussions, lectures, and demonstrations. First half-year. *Mon., Wed., Fri.*, at 10.15. Three semester-hour credits. Assistant Professor MOSS.

2. *General Psychology*.—Parallel with Course 1. Second half-year. *Mon., Wed., Fri.*, at 5.10. Three semester-hour credits. Professor RUEDIGER.

3. *Logic*.—A study of the thinking process, the principles of deductive and inductive inference, and the nature, structure, and organization of knowledge. Second half-year. *Mon., Wed., Fri.*, at 10.15. Three semester-hour credits. Professor RUEDIGER.

4. *Logic*.—Parallel with Course 3. First half-year. *Mon., Wed., Fri.*, at 5.10. Three semester-hour credits. Professor RUEDIGER.

6. *General Psychology*.—Parallel with Course 1. First half-year. *Tu., Th., Sat.*, at 5.10. Three semester-hour credits. Assistant Professor MOSS.

*Second Section. For Undergraduates and Graduates.*

20. *History of Philosophy*.—The more important epochs in the history of thought. Attention is directed to the relation of these distinctive periods to the course of the world's progress. *Tu., Th., Sat.*, at 10.15. Six semester-hour credits. Professor RICHARDSON.

21. *Ethics*.—A historical and theoretical course, with the aim of acquainting the student with the principal ethical theories. Reference is made to the application of these theories to concrete conditions. Second half-year. *Tu., Th.*, at 9.15. Two semester-hour credits. Professor RICHARDSON.

22. *Ethics*.—Parallel with Course 21. Second half-year. *Mon., Wed.*, at 6.00. Two semester-hour credits. Professor RICHARDSON.

23. *Experimental Psychology*.—First half-year: Laboratory experiments on the learning process. Second half-year: Laboratory experiments on sensation, perception, feeling, motor processes, etc. Prerequisite: General Psychology. Laboratory. *Tu., Th.*, 1.45-3.45. Conference hour to be arranged. Six semester-hour credits. Assistant Professor MOSS.

24. *History of Philosophy*.—The development of philosophy, its nature and problems. This course, while introductory, is designed to be comprehensive and to give the student a general survey of the philosophic field. *Tu., Th.*, at 5.10. Four semester-hour credits. Professor RICHARDSON.

25. *Applied Psychology*.—A study of how the knowledge and technique of psychology may be applied in the fields of business, industry, law, medicine, and education. Prerequisite: General Psychology. Second half-year. *Tu., Th., Sat.*, at 5.10. Three semester-hour credits. Assistant Professor MOSS.

27. *Contemporary Philosophy*.—A consideration of the various philosophical movements and tendencies of the immediate past. A critical study of the occasion and meaning of the trend of thought at the present time. Lectures and reading of recent books and periodicals. Not given in 1922-23. Two semester-hour credits. Professor RICHARDSON.

28. *Philosophy of Nature*.—A critical examination of the concepts of physical science. An investigation of the significance of scientific laws and theories. *Wed.*, at 5.10. Two semester-hour credits. Professor RICHARDSON.

(Courses 27 and 28 are given in alternate years.)

29. *Problems of Philosophy*.—A critical and constructive examination of fundamental philosophic principles and problems. Lectures, readings, and reports. First half-year. *Tu., Th.*, at 9.15. Two semester-hour credits. Professor RICHARDSON.

30. *Problems of Philosophy*.—Parallel with Course 29. First half-year. *Mon., Wed.*, at 6. Two semester-hour credits. Professor RICHARDSON.

31. *Mental and Educational Tests*.—(Same as Education 31.) *Sat.*, 9.15-11.15. Four semester-hour credits. Assistant Professor MOSS.



*Third Section. Primarily for Graduates.*

50. *Seminar in Psychology*.—Subject for 1922-23: The Emotions. Open to undergraduates only with the consent of the instructor. *Tu., Th.*, 6.00. Six semester-hour credits. Assistant Professor MOSS.

51. *Seminar in Philosophy*.—Topic for 1922-23: A detailed study, in English, of representative ancient and modern philosophers. *Wed.*, 7-9. Six semester-hour credits. Professor RICHARDSON.

52. *Advanced Experimental, Abnormal or Physiological Psychology*.—In 1922-23 the topic will be Physiological Psychology. Prerequisite: General and experimental psychology. Conferences, reading of recent literature, and demonstrations. *Tu.*, 7.30-9.30. Six semester-hour credits. Professor FRANZ.

53. *Research in Psychology*.—Advanced students, who select psychology as major or minor for the degree of A. M., or Ph. D., will be given special topics for investigation in abnormal, physiological or experimental psychology. To be preceded or accompanied by Course 52 or its equivalent. Six semester-hour credits. Professor FRANZ.

54. *Philosophy of Freedom*.—The metaphysical basis of the problem of freedom; freedom as a problem of ethics; the value of freedom; freedom and responsibility; the problem of freedom in organized society, or the place of freedom in the philosophy of the state; the application of freedom to legal problems. Prerequisites: Logic, Ethics and Political Science. Six semester-hour credits. Mr. HANKIN.

56. *Mathematical Logic*.—(Same as Mathematics 56.) Second half-year. Three semester-hour credits. Mr. HANKIN.

## PHYSICS

*First Section. Primarily for Undergraduates.*

1. *General Physics*.—A recitation and lecture course, embracing the fundamental principles of mechanics, sound, heat, light, and electricity. The lectures are illustrated by experimental demonstrations. This is a required course for Sophomores in Engineering, and may be elected by the general student who has completed Mathematics 9 or 12. Six semester-hour credits. Section A: *Mon., Wed., Fri.*, at 11.15, Professor BROWN; Section B: *Mon., Wed., Fri.*, at 5.10. Assistant Professor CHENEY.

2. *Laboratory Physics*.—Laboratory methods, accurate measurement of physical quantities, and experimental study of physical laws and apparatus. Course 2 is arranged to accompany Course 1, and may not otherwise be taken without previous preparation in Physics equivalent to Course 1. Two two-hour periods. *Tu., Th.*,

10.15, 2.45, or 7.30, or *Mon., Fri., 7.30.* Four semester-hour credits. Professor BROWN, Assistant Professor CHENEY, Messrs. EICHLIN, MELCHER, and assistants.

3. *Introductory General Physics.*—Recitations, and lectures illustrated by experimental demonstrations. Similar in scope to Course 1, but less mathematical in treatment. Planned with reference to the needs of the student who desires an acquaintance with the facts and principles of Physical Science in their relation to the other sciences. Six semester-hour credits. Section A: *Mon., Wed., Fri., at 1.45.* Professor BROWN; Section B: *Mon., Wed., Fri., at 6.00,* Assistant Professor CHENEY.

4. *Introductory Laboratory Physics.*—Laboratory methods, and experimental study of physical laws and apparatus, and of the use of the simpler instruments of precision measurement. Course 4 is arranged to accompany Course 3, and may not otherwise be taken without previous preparation in Physics equivalent to Course 3. *Tu., Th., 10.15, or Tu., Th., 2.45, or Mon., Fri., 7.30.* Four semester-hour credits. Professor BROWN, Assistant Professor CHENEY, and Messrs. EICHLIN, MELCHER, and assistants.

9. *Elementary Electricity and Magnetism and Its Applications.*—The plan of this course is to familiarize the student of general science with electrical equipment and machinery, and with the principles that underlie their operation. The fundamental principles of electricity and magnetism are presented in a non-technical manner and illustrated by many experimental demonstrations. No previous college preparation required. Four semester-hour credits. Professor BROWN. Not given in 1922-23.

*Second Section. For Undergraduates and Graduates.*

21. *Heat and Thermodynamics.*—A recitation and lecture course, using Edser's *Heat* as a class text, and the more advanced texts and the literature for reference reading. Six semester-hour credits. Not given in 1922-23. Assistant Professor CHENEY.

22. *Light.*—A recitation and lecture course, using Edser's *Light* as a class text, and the more advanced texts and the literature for reference reading. Six semester-hour credits. *Mon., Wed., Fri., at 5.10.* Professor BROWN.

23. *Electricity and Magnetism.*—A recitation and lecture course, using Starling's *Electricity and Magnetism* as a class text, and the more advanced texts and the literature for reference reading. Special attention will be given to the electron theory and its relation to modern physical science. Six semester-hour credits. *Tu., Th., Sat., at 5.10.* Assistant Professor CHENEY.

24. *Mechanics, Wave Motion, and Sound.*—An introduction to theoretical mechanics, including the dynamics of wave motion.



Sound phenomena are studied from the physical viewpoint, and molecular phenomena, such as surface tension, elasticity, viscosity, etc., are considered briefly. Six semester-hours. Not given in 1922-23. Professor BROWN.

NOTE.—Courses 21 to 24, inclusive, constitute a complete intermediate course in Physics which may be taken during their Junior and Senior years by students specializing in physics and allied sciences. They should be accompanied wherever possible by laboratory work in Course 25. See the schedule for such students on page 57. Physics 1 and 2, and Mathematics 18 or 19, or the equivalents of these, are required for admission to any of these courses.

25. *Advanced Laboratory Physics*.—This course is planned to follow Course 2, and is given for students especially interested in Physics. The experimental work may be of a general nature, or may follow special lines of study, according to the needs of the individual student. Course 25 may advantageously be taken by students in Courses 21, 22 and 23. One or more periods per week. Two semester-hour credits for each period. Hours by arrangement. Professor BROWN and Assistant Professor CHENEY.

28. *Radio Principles and Practice*.—A study of the elementary theory of electric oscillations and electro-magnetic waves, and of their applications to wireless communication. Physics Courses 1 and 2, and Mathematics 18 or 19, or their equivalents, are required for admission. Six semester-hour credits. Two recitations and one laboratory period. Hours to be arranged. Professor BROWN.

*Third Section. Primarily for Graduates.*

51. *Bibliography and Survey*.—In recognition of the value to the research student of a thorough study of the literature of his chosen field as a prelude to active research, credit is offered under this course for (1) the preparation of a bibliography of that field, including brief abstracts of the more important articles, and (2) a systematic analysis of the lines of investigation along which further development is most promising, and a listing of available research problems. Three semester-hour credits. Professor BROWN or Assistant Professor CHENEY.

55. *Laboratory Physics for Graduate Students*.—This course must be preceded by two or more of Courses 21-24, inclusive, and three or more semester-hour credits in Course 25, or their equivalents. The experimental problems are somewhat longer than those of Course 25, and along more specialized lines, requiring more originality and initiative on the part of the student. This course is primarily intended to supply the laboratory experience

required for active research work. One or more laboratory periods. Two semester-hour credits for each period. Hours by arrangement. Professor BROWN and Assistant Professor CHENEY.

57. *Statistical Mechanics and Kinetic Theory*.—This course includes Gibb's preliminary derivation of the fundamental equations of thermo-dynamics and a discussion of the physical properties of gases from the standpoint of general dynamics. Viscosity, diffusion, heat conduction, Brownian movements, Van der Wall's equations and molecular aggregation and dissociation. Gibb's statistical mechanics and Jean's Dynamical Theory of Gases. A lecture and seminar course. Mon. at 5.10. Two semester-hour credits. Not given in 1922-23. Mr. VAN ORSTRAND.

58. *Elasticity*.—The physical properties of solids as applied to problems in geophysics. Homogenous stress and strain. Potential energy of strained solids. Transmission of force. Propagation of earthquake waves. Love's Mathematical Theory of Elasticity. A lecture and seminar course. Not given in 1922-23. Mr. VAN ORSTRAND.

60. *Least Squares*.—Derivation of the law of errors and adjustment of observations with special reference to the determination of the constants of empirical formulas. Merrimans' Method of Least Squares. A lecture and recitation course. First half-year. Two semester-hour credits. Mr. VAN ORSTRAND.

61. *Conduction of Heat*.—Fourier's analysis is applied to numerous problems in the diffusion of heat and substances. Ingersoll and Zobel's Mathematical Theory of Heat Conduction. A lecture and recitation course. Second half-year. Two semester-hour credits. Mr. VAN ORSTRAND.

## POLITICAL SCIENCE

### *First Section. Primarily for Undergraduates.*

1. *Government of the United States*.—Besides an analysis of the structure of the federal government this course includes a study of the powers and the influence of the President, the power to make treaties, to tax, to control the railroads and the wires, and to restrict immigration. The course surveys the functions of the courts, and of the various commissions. The problems connected with the currency, the tariff, foreign commerce, and with our colonial empire are discussed. Governmental changes in foreign countries are noted and compared with those at home. First half-year. Section A: Mon., Wed., Fri., at 10.15. Three semester-hour credits. Professor HILL. Section B: Tu., Th., Sat., at 11.15. Three semester-hour credits. Mr. WEST.



2. *Government of the United States*.—Parallel with Course 1. *Tu., Th., Sat.*, at 6.00. Three semester-hour credits. Mr. WEST.

3. *State Government*.—The vote, public opinion, direct legislation, police power, public utilities, and executive responsibility are the chief topics. A rapid survey is made of the three types of city government and of the county and township governments. Second half-year. Section A: *Mon., Wed., Fri.*, 10.15. Three semester-hour credits. Professor HILL. Section B: *Tu., Th., Sat.*, at 11.15. Three semester-hour credits. Mr. WEST.

4. *State Government*.—Parallel with Course 3. *Tu., Th., Sat.*, at 6.00. Three semester-hour credits. Mr. WEST.

*Second Section. For Undergraduates and Graduates.*

21. *Comparative European Governments*.—The governments of the British Empire and of France. First half-year. *Mon., Wed., Fri.*, at 11.15. Three semester-hour credits. Professor HILL.

22. *Comparative European Governments (continued)*.—The governments of Italy, Switzerland and Germany are described and some attention is given to the form and functions of the government in the new states. Second half-year. *Mon., Wed., Fri.*, at 11.15. Three semester-hour credits. Professor HILL.

23. *City Government in the United States*.—A study of the origin and structure of the mayor and council, commission and city manager plans, home rule, the relation of the city to the state, municipal powers and officers, social and individual rights and of references to European experience. First half-year. *Mon., Wed., Fri.*, at 4.00. Three semester-hour credits. Mr. WEST.

24. *Constitutional Law*.—The interpretation of clauses in the constitutions of the United States and of the separate states affecting officers, courts, powers of Congress, police power and private rights as found in judicial decisions forms the subject matter. Second half-year. *Mon., Wed., Fri.*, at 4.00. Three semester-hour credits. Mr. WEST.

25. *Political Theory*.—A survey of political thought as implied in ancient and modern governments and expressed in the writings of representative men. The study will be carried through the French Revolution, with special attention given to the modern period, developing the ideas of sovereignty of the state and freedom of the individual. First half-year. *Tu., Th., Sat.*, at 10.15. Three semester-hour credits. Mr. WEST.

26. *Political Theory (continued)*.—A continuation of Course 25, with special attention given to the development of political theory in the United States and its part in the history of the country. Second half-year. *Tu., Th., Sat.*, at 10.15. Three semester-hour credits. Mr. WEST.

at 10.15, Professor HENNING. Section B: *Tu., Th., Sat.*, at 10.15. Mr. GIDDINGS. Section C: *Tu., Th., Sat.*, at 11.15. Mr. GIDDINGS.

4. *Second-Year Course*.—Parallel with Course 3. Fraser and Squair's French Grammar. First text, Hervieu, "La course du flambeau" (Heath); other texts to be announced. Six semester-hour credits. Section A: *Tu., Th., Sat.*, at 5.10. Mr. KRAMER. Section B: *Tu., Th., Sat.*, at 6.00. Mr. CULLOM.

5. *General Survey of Modern French Literature*.—(Nineteenth, eighteenth, and seventeenth centuries.) Translation, collateral reading and reports thereon, lectures on literature. Open to students who have passed in Courses 3 or 4, or have fulfilled the admission requirements in Advanced French. Six semester-hour credits. *Mon., Wed., Fri.*, at 4.00. Professor HENNING.

6. *Parallel with French 5*.—Six semester-hour credits. *Tu., Th., Sat.*, at 5.10. Professor HENNING.

7. *Conversation and Composition (Elementary Course)*.—Open to students who have passed in French 1 or 2, or have fulfilled the admission requirements in Elementary French, or otherwise satisfy the instructor of their fitness to take it. Four semester-hour credits. *Mon., Wed., Fri.*, at 5.10. M. BENETEAU. (This course will be given only if elected by at least twelve students at the beginning of the year.)

8. *Conversation and Composition (Advanced Course)*.—Open to students who have passed in French 7, or otherwise satisfy the instructor of their fitness to take it. Four semester-hour credits. *Mon., Wed., Fri.*, at 6.00. M. BENETEAU. (This course will be given only if elected by at least ten students at the beginning of the year.)

#### *Second Section. For Undergraduates and Graduates.*

(Courses in this group are open to students who have passed in Courses 5 or 6, or otherwise satisfy the instructor of their fitness to take them.)

21. *Literature of the Seventeenth Century*.—History, philosophy, criticism, memoirs, letters, eloquence, drama, fiction, poetry. Balzac, Boileau, Corneille, Descartes, Fénelon, Mme. de La Fayette, La Bruyère, La Fontaine, La Rochefoucauld, Malherbe, Molière, Racine, Saint-Evremond, Saint-Simon, Mme. de Sévigné, etc. Translation, collateral reading and reports thereon, lectures on literature and history. Six semester-hour credits. *Mon. Wed., Fri.*, at 5.10. Professor HENNING. (Not given in 1922-23.)

23. *Literature of the Eighteenth Century*.—History, philosophy, criticism, letters, drama, fiction, poetry, the "salons," the idea of progress, the idea of science. Bayle, Fontenelle, Abbé de Saint-



Pierre, Marquise de Lambert, Madame de Tencin, Montesquieu, Voltaire, J. J. Rousseau, Diderot, the Encyclopedists, etc. Translation, collateral reading and reports. Lectures on literature and history. Six semester-hour credits. *Mon., Wed., Fri.* at 4.00. Mr. DEIBERT.

26. *Literature from 1750 to 1850; The Romantic Movement.*—History, criticism, travels, fiction, drama, lyric poetry. Rousseau, Bernardin de Saint-Pierre, Chénier, Balzac, Baudelaire, Chateaubriand, Gautier, Hugo, Lamartine, Michelet, Musset, Sainte-Beuve, George Sand, Mme. de Stael, Thierry, Vigny, etc. Translation, collateral reading and reports thereon, lectures on literature and history. Six semester-hour credits. *Mon., Wed., Fri.,* at 5.10. Professor HENNING.

28. *Literature from 1850 to the Present.*—History, philosophy, criticism, fiction, drama, lyric poetry. Augier, Brunetière, Daudet, Dumas fils, Flaubert, France, Heredia, Hervieu, Leconte de Lisle, Lemaitre, Loti, Maeterlinck, Maupassant, Mérimée, Renan, Rostand, Sully Prudhomme, Taine, Verlaine, etc. Six semester-hour credits. *Mon., Wed., Fri.,* at 5.10. Professor HENNING. (Not given in 1922-23.)

*Third Section. Primarily for Graduates.*

50. *Old French.*—Philology and Literature. *La Chanson de Roland* and Chrétien de Troyes. Phonology and morphology of Old French, with an outline of its development through Vulgar Latin. Survey of French Literature to the end of the 13th century. Some knowledge of Latin is essential. Six semester-hour credits. Professor DOYLE.

55. One course in the literature of the first half of the nineteenth century will be arranged for competent graduates. Six semester-hour credits. *Mon., Wed., Fri.,* at 5.10. Professor HENNING.

**Spanish**

*First Section. Primarily for Undergraduates.*

1. *First-Year Course.*—For beginners. Hills and Ford's First Spanish Course. Grammar, written and oral composition, drill in pronunciation, translation of modern Spanish fiction, comedy and history. Six semester-hour credits. Section A: *Mon., Wed., Fri.,* at 9.15. Mr. GIDDINGS. Section B: *Tu., Th., Sat.,* at 10.15. Mr. PROTZMAN. Section C: *Mon., Wed., Fri.,* at 10.15. Mr. GIDDINGS.

2. *First-Year Course.*—For beginners. Parallel with Course 1. Hills and Ford's First Spanish Course. Six semester-hour credits. Section A: *Mon., Wed., Fri.,* at 5.10. Professor DOYLE. Section B: *Mon., Wed., Fri.,* at 6.00. Mr. DEIBERT. Section C: *Tu., Th.,*

Sat., at 5.10. Mr. PROTZMAN. Section D: Tu., Th., Sat., at 6.00. Mr. DEIBERT. Section E: Mon., Wed., Fri., at 5.10. Mr. GIDDINGS. Section F: Mon., Wed., Fri., at 6.00. Assistant Professor JONES.

Section X: Tu., Th., Sat., at 5.10 (second half-year). Assistant Professor JONES. (This section will be given if elected by a sufficient number of students.)

3. *Second-Year Course*.—Review of grammar, composition, translation of modern Spanish prose and poetry, collateral reading. First text, Taboada, "Cuentos Alegres." Open to students who have passed in Course 1 or 2, or have fulfilled the admission requirements in Elementary Spanish, or otherwise satisfy the instructor of their fitness to take the course. Six semester-hour credits. Section A: Mon., Wed., Fri., at 10.15. Professor DOYLE. Section B: Tu., Th., Sat., at 9.15. Mr. PROTZMAN.

4. *Second-Year Course*.—Parallel with Course 3. Six semester-hour credits. First text, Spencer, "Trozos de historia." Section A: Mon., Wed., Fri., at 5.10. Mr. DEIBERT. Section B: Tu., Th., Sat., at 5.10. Professor DOYLE.

5. *General Survey of Modern Spanish Literature*.—Eighteenth and Nineteenth Centuries; contemporary writers. Translation of representative works of fiction, drama and poetry. Lectures on the history of Spanish Literature. Outside reading and reports open to students who have passed in Spanish 3 or 4, or who otherwise satisfy the instructor of their fitness to take the course. Six semester-hour credits. Mon., Wed., Fri., at 2:45. Professor DOYLE.

6. *Parallel with Spanish 5*.—Six semester-hour credits. Mon., Wed., Fri., at 5.10. Assistant Professor JONES.

7. *Conversation and Composition (Elementary Course)*.—Open to students who have passed in Spanish 1 or 2, or have fulfilled the admission requirements in Elementary Spanish, or otherwise satisfy the instructor of their fitness to take it. Mon., Wed., Fri., at 5.10. Four semester-hour credits. Mr. VAZQUEZ. (This course will be given only if elected by at least twelve students at the beginning of the year.)

8. *Conversation and Composition (Advanced Course)*.—Open to students who have passed in Spanish 7, or otherwise satisfy the instructor of their fitness to take it. Four semester-hour credits. Mon., Wed., Fri., at 6. Mr. VAZQUEZ. (This course will be given only if elected by at least ten students at the beginning of the year.)

*Second Section. For Undergraduates and Graduates.*

(Courses in this group are open to students who have passed in Course 5 or 6, or otherwise satisfy the instructor of their fitness to take them.)



22. *Spanish Literature of the Sixteenth and Seventeenth Centuries.*—The Golden Age. Cervantes, Calderón, Lope de Vega. The classic Spanish drama. Origins and rise of the novel. The ballad. Lyric poetry. References to the influence of Spanish literature upon French and English. Translation, reports on outside reading, lectures. A large amount of collateral reading will be required. *Mon., Wed., Fri.*, at 4.00. Six semester-hour credits. Professor DOYLE.

28. *Spanish-American Literature in Prose and Verse.*—Study of leading critics, essayists, historians, novelists, poets; Rodó, Hostos, Blanco-Fombona, Blest, Gana, Olmedo, Bello, Heredia, Darío, Chocano, Valencia, Nervo, etc. Lectures, translation, reports on outside reading. A large amount of collateral reading will be required. Six semester-hour credits. Hours to be arranged. Professor DOYLE and Assistant Professor JONES. (Not given in 1922-23.)

*Third Section. Primarily for Graduates.*

50. *Old Spanish.*—Philology and Literature. *Poema del Cid*, *Libro de Buen Amor*, *Conde Lucanor*, etc. Ford's "Old Spanish Readings" (Ginn). Some knowledge of Latin is essential. Six semester-hour credits. Professor DOYLE. (Not given in 1922-23.)

Italian

*First Section. Primarily for Undergraduates.*

2. *First-Year Course.*—For beginners. Phelps' Italian Grammar. Grammar, composition, drill in pronunciation, translation and reading of modern Italian fiction, comedy, history, and descriptive matter. Six semester-hour credits. *Mon., Wed., Fri.*, at 5.10. Mr. MILLER. (This course will be given only if elected by at least twelve students at the beginning of the year.)

4. *Second-Year Course.*—Phelps' Italian Grammar. First text, *Giocosa*, "Tristi Amori." Other texts to be announced. Open to students who have passed in Italian 2, or otherwise satisfy the instructor of their fitness to take it. Six semester-hour credits. *Mon., Wed., Fri.*, at 6.00. Mr. MILLER. (This course will be given only if elected by at least eight students at the beginning of the year.)

Portuguese

*First Section. Primarily for Undergraduates.*

1. *First-Year Course.*—For beginners. Branner's Portuguese Grammar; Barreto and Laet's *Anthologia Nacional*. Phonetics and drill in pronunciation, dictation, grammar, translation, composition and conversation. In the second semester the classes are

conducted mainly in Portuguese. *Mon., Wed., Fri.*, at 2.45. Six semester-hour credits. Professor COUTINHO.

3. *Second-Year Course*.—Barreto and Laet's *Anthologia Nacional*; Mendes dos Remedios' *Historia de Literatura Portuguesa*. Advanced grammar, composition, reading and translation of modern prose and poetry (Portuguese and Brazilian authors of XVIII and XIX centuries). In the second semester Portuguese authors of XVI and XVII centuries. Classes will be conducted in Portuguese. *Mon., Wed., Fri.*, at 1.45. Six semester-hour credits. Professor COUTINHO.

### Comparative Romance Literatures

*First Section. Primarily for Undergraduates.*

2. *Literary Evolution of Romance Languages*.—General survey of the history of literary movements in the Latin countries of Europe and Latin America, from the tenth century to the present time. Students will be required to read during the course the principal authors in English translations. *Mon., Wed., Fri.*, at 4.00. Six semester-hour credits. Professor COUTINHO.

### SEMITIC LANGUAGES AND LITERATURE

*Second Section. For Graduates and Undergraduates.*

20. *Elementary Hebrew*.—Hebrew vocabulary and grammar; reading, translations of simple passages and briefer exercises. This course is open to beginners. Two hours a week. Four semester-hour credits.

22. *Advanced Hebrew*.—An intensive study of Hebrew grammar and its relation to Semitics in general. Comparative Semitic philology will be pursued. Translations of longer passages of prose and poetry. Readings and selections from the Old Testament and post-biblical literature. Two hours a week. Four semester-hour credits. Professor SCHAPIRO.

*Third Section. Primarily for Graduates.*

50. Study of the history and development of Hebrew and cognate literatures. Certain epochs of Jewish History. A review of Modern Hebrew literature with particular emphasis on productions of the Haskala period. Special topics in addition to be selected by candidates. Six semester-hour credits. Professor SCHAPIRO.

### ZOOLOGY

*First Section. Primarily for Undergraduates.*

1. *Systematic Zoology*.—Invertebrates. This includes lectures and laboratory work. The lectures cover all the branches of In-



vertebrates, and correlated with these lectures is the study and dissection of typical specimens in each group. This course is intended to familiarize the student with biological characters, classificatory laws, and the general principles of evolution. Lecture, *Fri.*, at 5.10; laboratory, *Mon., Wed.*, 5.10-6.50. Additional laboratory sections at hours to be announced. Six semester-hour credits. Professor BARTSCH, Mr. SCHMITT and Miss MACMILLAN.

2. *Systematic Zoology*.—Vertebrates. This includes lectures and laboratory work. The lectures will cover the various branches of Vertebrates, and correlated with these is the study and dissection of typical specimens of each group. Lecture, *Mon.*, at 6.00; laboratory, *Wed., Fri.*, 5.10-6.50. Additional laboratory sections at hours to be announced. Six semester-hour credits. Professor BARTSCH, Mr. SCHMITT, and Miss MACMILLAN.

3. *Pre-Medical Zoology*.—Invertebrates and vertebrates. A lecture and laboratory course covering the pre-medical requirements. Lecture *Mon.*, at 5.10. Three two-hour laboratory periods. Eight semester-hour credits. Professor BARTSCH, Miss MACMILLAN, Mr. SCHMITT, and Miss REEVES.

#### *Second Section. For Undergraduates and Graduates*

20. *Practical Zoology*.—A lecture course illustrated with lantern slides and demonstrations. In this course only beneficial and injurious animals of all classes will be considered, especial stress being laid upon the problems of preservation and extermination. The course aims to expound the economic side of zoology. Open to all students. One hour. Two semester-hour credits. Professor BARTSCH.

23. *Ornithology*.—A systematic course embracing lectures and laboratory work. The lectures are illustrated with lantern slides, showing the home life of birds. The laboratory work consists in classifying bird skins, of which the University possesses an excellent series. Special attention is directed to the study of the birds of the District of Columbia, and frequent field excursions are made to familiarize the student with the haunts and habits of these forms. Lecture, one hour; laboratory, one two-hour period. Four semester-hour credits. Professor BARTSCH.

Laboratory courses in histology and physiology will be arranged for competent students.

#### *Third Section. Primarily for Graduates.*

50. Courses may be arranged for competent graduates. Six semester-hour credits. Professor BARTSCH.

# SUMMER SCHOOL

## ARTS AND SCIENCES

1922

### CALENDAR

- June 16-30 Registration, 10-12 a. m.; 4-6 p. m.  
June 19 *Monday*—Instruction begins in the three-credit courses coming at 7:45 a. m. and in the afternoon classes, except when otherwise noted in the text.  
June 26 *Monday*—Instruction begins in the two-credit courses coming in the forenoon.  
July 4 *Tuesday*—Holiday.  
July 8 *Saturday*—Classes meet at the usual hours.

### ADMISSION

No entrance examinations or certificates of work completed in secondary schools will be required for admission to the Summer School, but no student will be allowed to register for any except an elementary course until he has given evidence satisfactory to the instructor concerned or to the Director that he is qualified to pursue the course to advantage.

### REGISTRATION

The Registrar's office, 2023 G Street N. W., will be open to receive registrations from 10-12 a. m. and 4-6 p. m., after June 16. *Registration for courses, changes in registration, and the dropping of courses must all be arranged through the Registrar's office.*

### CREDIT

The units of credit in semester hours carried by the several courses are indicated both in the schedule of classes on pages 6-8 and in the descriptive outlines of the course on pages 8-14. A semester-hour of work covers a minimum of fifteen class or laboratory periods.

Work satisfactorily completed in the Summer School will be accredited toward a degree at George Washington University on the same basis as work completed during the regular session. Three courses are considered full work, but for reasons of weight a student may be allowed to register for four courses.



## CERTIFICATES

Certificates of attendance and of work satisfactorily completed will be issued on or about September 1.

## FEES

Tuition fee per semester-hour.....	\$ 6.00*
Laboratory fees:	
Chemistry S 2, S 3, and S 7, each.....	10.00
Chemistry S 20, \$15; S 21.....	20.00
Home Economics I and II.....	2.00
Chemistry S 8; Physics 2a or 2b and Zoology.....	5.00
Breakage deposit in chemistry, the amount paid in excess of breakage to be returned, S 2, S 3, S 7, and S 8, each.....	10.00
Courses S 20, \$15; S 21.....	20.00
Microscope rental in Zoology.....	5.00

## PAYMENT OF FEES

All fees are payable at the Treasurer's Office, 2101 G Street by July 3. Students who find it impossible to pay their fees by that date should make special arrangements with the Registrar when they register. No certificate of attendance or of credit will be issued unless all fees have been paid.

Students who are compelled to withdraw before the end of the session should promptly notify the Registrar, who will make a fair adjustment of the fees. No separate registration fee is charged, but one dollar of the tuition fee may not be canceled. As the fiscal year of the University ends August 31, no requests for refunds can receive consideration after that date.

## LIBRARY

The University Library, which is found in the first floor of Lisner Hall, will be open during the session of the Summer School.

\* Except for those George Washington University students who paid \$5.00 per semester-hour during 1921-22.

## FACULTY

HOWARD LINCOLN HODGKINS, Ph.D., Sc.D.,	<i>President of the University</i>
WILLIAM CARL RUEDIGER, Ph.D.	<i>Director of the Summer School</i>
LEVI RUSSELL ALDEN, A.M.	<i>Assistant Professor of History</i>
PAUL BARTSCH, Ph.D.	<i>Professor of Zoology</i>
ANDRE BENETEAU	<i>Instructor in French</i>
ROBERT WHITNEY BOLWELL, Ph.D.	<i>Asst. Professor of English</i>
THOMAS BENJAMIN BROWN, Ph.D.	<i>Professor of Physics</i>
CATHERINE CHAPMAN, A.B.	<i>Assistant in Zoology</i>
WALTER LYNN CHENEY, B.S.	<i>Assistant Professor of Physics</i>
GEORGE M. CHURCHILL, Ph.D.	<i>Assistant Professor of History</i>
DEWITT CLINTON CROISSANT, Ph.D.	<i>Professor of English</i>
WILLIAM L. CROW, A.M., D.L. (Professor of Political Science, Lawrence College)	<i>Political Science</i>
WALTER S. DEFFENBAUGH, A.M. (U. S. Bureau of Education)	<i>Education</i>
HENRY GRATTAN DOYLE, A.M.	<i>Professor of Romance Languages</i>
JOHN THOMAS ERWIN, A.M.	<i>Professor of Mathematics</i>
MARGARET BINFORD EVANS, B.S.	<i>Instructor in Home Economics</i>
ROBERT F. GRIGGS, Ph.D.	<i>Professor of Botany</i>
GREGORY S. HANKIN, A.M.	<i>Instructor in Mathematics</i>
HARRY GRANT HODGKINS, A.B.	<i>Asst. Professor of Mathematics</i>
ELMER LOUIS KAYSER, A.M.,	<i>Assistant Professor of History and Secretary of the University</i>
ROBERT RUSS KERN, A.B.	<i>Professor of Economics</i>
CLARENCE C. KOCHENDERFER, A.M.,	<i>Assistant Professor of Commerce</i>
HIRAM C. MCNEIL, Ph.D.	<i>Professor of Chemistry</i>
J. LEWIS MONEYWAY, A.B.	<i>English</i>
F. A. MOSS, A.M.	<i>Assistant Professor of Psychology</i>
MERLE I. PROTZMAN, A.B.	<i>Instructor in Romance Languages</i>
CHARLES ELMER REESER, Ph.D.	<i>Instructor in Geology</i>
EDWARD E. RICHARDSON, M.D., Ph.D.	<i>Professor of Philosophy</i>
WILLIAM CARL RUEDIGER, Ph.D.	<i>Professor of Educational Psychology and Dean of Teachers College</i>
ALFRED F. W. SCHMIDT, A.M.	<i>Professor of German</i>
HAROLD GRIFFITH SUTTON, M.S.	<i>Assistant Professor of Economics</i>
OTIS DOW SWETT, S.B., LL.M.	<i>Professor of Chemistry</i>
WILLIAM ALLEN WILBUR, A.M., Litt.D.,	<i>Professor of English and Dean of Columbian College</i>



## SCHEDULE OF CLASSES

The two-semester-hour classes *coming in the forenoon* begin on June 26 and all the others, unless otherwise noted in the text, on June 19. The two-semester-hour classes meet five times a week for six weeks and the three-semester-hour classes five times a week for nine weeks. No classes will be held Tuesday, July 4, but classes will meet on Saturday, July 8.

Courses which open with less than ten students may be withdrawn.

A. M.		Semester-hour Credits	
7:45-8:40			
S25	Foreign Trade	3	Professor Sutton
S2a	Rhetoric and Composition	3	Professor Wilbur
S35b	The Renaissance	3	Professor Kayser
SXXIII	Philosophy	2	Professor Richardson
9:15-10:15			
S2	Botany (Saturdays)	2	Professor Griggs
S22	History of Education	2	Professor Kayser
S23	Shakespeare	2	Professor Wilbur
SVII	Textiles and Sewing	2	Miss Evans
S1	Psychology	2	Professor Moss
10:15-11:15			
S1a	General Economics	2	Professor Sutton
S21a	Methods	2	Professor Ruediger
SXL	Drake	2	Professor Wilbur
S31	Revolutionary Europe	2	Professor Kayser
S3	Logic	2	Mr. Hankin
11:15-12:15			
S29	Money and Banking	2	Professor Sutton
S21b	Principles of Education	2	Professor Ruediger
S31	Educational Measurements	2	Professor Moss
S1	Food and Nutrition	2	Miss Evans
P. M.			
4:10-5:00			
S26	Poetry	3	Professor Croissant
S23	Municipal Government	3	Professor Crow
5:10-6:00			
S33a	Commercial Law	2	Professor Alden
S42	World Politics	3	Professor Kochenderfer
S2a	General Economics	3	Professor Kern
S25	Junior High School	3	Mr. Deffenbaugh
S6a	Literature	3	Professor Bolwell

## COURSES OF INSTRUCTION

The letter S, meaning Summer, is prefixed to the numbers of courses to distinguish them from the courses offered during the regular session of the University. Courses corresponding approximately to those offered during the regular session are given corresponding numbers. Courses not so corresponding are assigned Roman numerals. The letters a and b following some of the numbers signify correspondence respectively to first and to second semester work of the regular session.

## BOTANY

S 2. *Field Botany*.—First-hand study of local flora, designed to familiarize the student with the native flora and with methods of field study. The work consists of Saturday field trips followed by a laboratory period to be arranged. Two semester-hour credits. Professor GRIGGS.

## CHEMISTRY

S 1. *General Chemistry*.—A series of illustrated lectures, accompanied by recitations and exercises, on theoretical, inorganic, organic, and technical chemistry. 5:10-6:50. Six semester-hour credits. Professor SWETT.

S 2. *Laboratory Practice*.—A laboratory course for the study of the principles of chemistry and the method of conducting chemical experiments. 7-10. Four semester-hour credits. Professor SWETT and assistants.

(NOTE.—Courses S 1 and S 2 should be taken together. Courses S 20, *Qualitative Analysis*, six semester-hour credits, S 21, *Quantitative Analysis*, eight semester-hour credits, S 23, *Organic Chemistry*, four semester-hour credits, and S 26, *Physical Chemistry*, four semester-hour credits, will be given if demanded.)

S 3. *Synthetic Inorganic Chemistry*.—Syntheses of inorganic compounds. 7-10. Four semester-hour credits. Professor SWETT and assistants.

S 7. *Qualitative Analysis*.—A brief course intended primarily for students in engineering. 7-10. Four semester-hour credits. Professor SWETT and assistants.

S 8. *Elementary Organic Chemistry*.—A lecture and laboratory course including both the aliphatic and aromatic series of compounds. Sixty-four lectures and 96 hours of laboratory work. Lectures Monday, Tuesday, Wednesday and Thursday 5:10-6:50. Laboratory hours to be arranged. Six semester-hour credits. Professor McNEIL.



## COMMERCE

S 33a. *Commercial Law*.—Contracts. At 5:10. Two semester-hour credits. Assistant Professor ALDEN.

S 33b. *Commercial Law*.—Commercial Papers. At 6. Two semester-hour credits. Assistant Professor ALDEN.

S 25. *Foreign Trade*.—This course surveys briefly international commercial policies and then considers the methods of conducting export and import business. Organization, correspondence, advertising and financing are some of the problems presented for study. At 7:45 a. m. Three semester-hour credits. Assistant Professor SUTTON.

S 40. *Industrial and Commercial History of the United States*.—Business aspects of early American colonization; the westward movement and the public lands; the development of internal improvements and railways; tariff history and policy. Growth of industry, agriculture, commerce; labor and capital; industrial and commercial problems of today. At 6. Three semester-hour credits. Assistant Professor KOCHENDERFER.

S 42. *European Industrial Evolution and World Politics*.—A somewhat detailed study of the awakening of Japan, the problem of China, the interplay of rival imperial ambitions in the Far East, the causes of the World War, the Versailles Peace Conference and the international settlement made thereby. The introductory portion of the course will cover as intensively as time will permit agrarian problems, colonial expansion and commercial policies, the development of industry, and transportation. At 5:10. Three semester-hour credits. Assistant Professor KOCHENDERFER.

## ECONOMICS AND SOCIOLOGY

S 1a. *General Economics*.—This course takes up the production and consumption of wealth, value and price, the organization of business enterprise, and the problems connected with money and banking. At 10:15. Two semester-hour credits. Assistant Professor SUTTON.

S 2a. *General Economics*.—This course deals with the problems of the distribution of wealth and such questions as value, prices, wages, rent, and interest. At 5:10. Three semester-hour credits. Professor KERN.

S 2b. *General Economics* (second semester).—This course deals with the organization of the industrial system and embraces an analysis of marketing, efficient methods of production, and money and banking. A discussion of such modern programs as the trust movement, government ownership, and the like is included. At 6. Three semester-hour credits. Professor KERN.

(Courses S 2a and S 2b may be taken concurrently.)

S 29. *Money and Banking*.—An introductory course presenting the theory and history of money together with a consideration of the fundamental principles of banking and credit. A careful study of the Federal Reserve System concludes this course. At 11:15. Two semester-hour credits. Assistant Professor SUTTON.

S 51. *Seminar in Sociology*.—A research course, open to students who have had an introductory course in sociology. At 7:40. Three semester-hour credits. Professor KERN.

### EDUCATION

S 21a. *Principles of Method*.—A systematic course in the principles that underly the teaching process. At 10:15. Two semester-hour credits. Professor RUEDIGER.

S 21b. *Principles of Education*.—A study of the curriculum as determined by social and personal objectives. At 11:15. Two semester-hour credits. Professor RUEDIGER.

S 22. *History of Education*.—A survey of educational theory and practice since ancient times. At 9:15. Two semester-hour credits. Assistant Professor KAYSER.

S 25. *The Junior High School*.—A study of the development of the Junior High School, with special reference to the curriculum and methods of instruction. At 5:10. Three semester-hour credits. Mr. DEFFENBAUGH.

S 31. *Educational Measurements*.—A study of educational tests and scales with practice in their use. Some attention will be given to intelligence tests and their use in the classification of children. At 11:15. Two semester-hour credits. Assistant Professor MOSS.

### ENGLISH

S 2a. *English Rhetoric*.—The course covers the text of the regular course for the first semester, including practice in composition. Lectures and conferences. At 7:45 a. m. Three semester-hour credits. Professor Wilbur and Mr. MONEYWAY (June 26-Aug. 4).

S 6a. *Survey of English Literature*.—A study of English literature from the epic period to the end of the eighteenth century. At 5:10. Three semester-hour credits. Assistant Professor BOLWELL.

S 6b. *Survey of English Literature*.—A course in the literature of the nineteenth century. At 6. Three semester-hour credits. Assistant Professor BOLWELL.



S XX. *Literature of the Bible*.—A study of portions of the Bible from a literary point of view. At 5:10. Three semester-hour credits. Professor CROISSANT.

S 23. *Shakespeare*.—Love's Labours Lost, Two Gentlemen of Verona, Midsummer Night's Dream, Taming of the Shrew, As You Like It, Hamlet. A cycle of cultural studies. At 9:15. Two semester-hour credits. Professor WILBUR.

S 25. *Modern Drama*.—The chief dramatists between 1890 and 1914. Lectures, with reading and discussion of representative plays. At 6. Three semester-hour credits. Professor CROISSANT.

S 26. *Contemporary Poetry*.—The chief poets since 1910. Lectures, with reading and discussion of representative poems. At 4:10. Three semester-hour credits. Professor CROISSANT.

S 36b. *Development of the English Novel*.—From the Victorian age to contemporary American and English novelists. At 6:50. Three semester-hour credits. Assistant Professor BOLWELL.

S 39. *Technique of the Short Story*.—A practical course in short-story writing. Lectures, reading, and conferences. At 6. Three semester-hour credits. Mr. MONEYWAY.

S XL. *Drake*.—The English Epic poem by Alfred Noyes: A modern interpretation of the Elizabethan world consciousness. At 10:15. Two semester-hour credits. Professor WILBUR.

## FRENCH

S 2a. *First-Year Course*.—Essentials of French grammar, drill in pronunciation; oral and written composition; translation of modern French prose. For beginners. Fraser and Squair's French Grammar (Heath). At 5:10. Three semester-hour credits. Mr. PROTZMAN.

S 2b. *First-Year Course*.—(Second Semester.)—Open to students who have had one year of high school French or one semester of college French. At 6. Three semester-hour credits. Mr. PROTZMAN.

S 4a. *Second-Year Course*.—Review of French Grammar. Fraser and Squair's French Grammar (Heath); oral and written composition; translation of modern French prose. Open to students who have received credit for one year of college French, or its equivalent. At 6:50. Three semester-hour credits. Mr. PROTZMAN.

S 7. *Conversation and Composition*.—Open to students who have had one year of college French or its equivalent. At 5:10. Two semester-hour credits. Mr. BENETEAU.

## GEOLOGY

S 2. *Geology*.—Systematic geology; dynamical, structural and stratigraphical. The course is designed to form a part of a general-culture course, or a preliminary course for those intending to make a specialty of geology. It includes lectures, recitations, laboratory and field work so far as hours will permit. Paleontology is treated as a branch of geology, having especial reference to stratigraphy and correlation. Text-book: Cleland's *Geology*. 6-7:40. Four semester-hour credits. Dr. RESSER.

S 3. *Principles of Geography*.—The course considers the phenomena of the earth as a whole, the interrelations of these phenomena and their influence upon human affairs. It includes a study of the general geographical principles, including those of physiography and climate, and their application. At 5:10. Two semester-hour credits. Dr. RESSER.

## GERMAN

S IV. *Conversation and Rapid Reading*.—This course is open to students who have had one year of college German or its equivalent. Three semester-hour credits. At 5:10. Professor SCHMIDT.

## HISTORY

S 9b. *American History*.—History of the United States since the administration of Andrew Jackson. At 5:10. Three semester-hour credits. Assistant Professor CHURCHILL.

S 25a. *English History*.—The history of England to the death of Edward VI, with special attention to political and constitutional development. At 6. Three semester-hour credits. Assistant Professor CHURCHILL.

S 31. *Revolutionary Europe*.—A study of the important transitions—political, social, economic and intellectual—that took place during the era of the French Revolution and of the domination of Napoleon. At 10:15. Two semester-hour credits. Assistant Professor KAYSER.

S 35b. *The Renaissance*.—A study of the beginnings of the Modern Period with emphasis on evolution of political, social, economic, religious, intellectual, and artistic ideas and institutions during the period. At 7:45 a. m. Three semester-hour credits. Assistant Professor KAYSER.



## HOME ECONOMICS

S I. *Food and Nutrition*.—A study of the food factors, the principles of cookery, the cost and nutritional value of foods, and menu planning. At 11:15. Two semester-hour credits. Miss EVANS.

S II. *Food and Nutrition*.—Parallel with Course S I. At 5:10. Two semester-hour credits. Miss EVANS. (June 26-Aug. 5.)

S VII. *Textiles and Sewing*.—A brief study of fibers and fabrics, the use and care of a sewing machine, various stitches and seams, the use of commercial patterns, and elementary design. At 9:15. Two semester-hour credits. Miss EVANS.

## LIBRARY SCIENCE

S I. *Cataloguing*.—This course is designed to cover the general principles of library science with special emphasis on the elements of cataloguing. Three semester-hour credits. At 6. Professor SCHMIDT.

S XX. *Classification*.—This course is open to students who have had course S-I or practical library work. Three semester-hour credits. At 6:50. Professor SCHMIDT.

## MATHEMATICS

S 4a. *College Algebra*.—Bowser's College Algebra. Ratio and proportion. Chapter XVI to the end of the book. At 5:10. Three semester-hour credits. Assistant Professor HODGKINS.

S 4b. *Plane Trigonometry*.—Crocket's Trigonometry. All of plane trigonometry. At 6. Two semester-hour credits. Assistant Professor HODGKINS.

S 9a. *Plane and Spherical Trigonometry*.—This course is offered primarily for students who have had Plane Trigonometry. Three semester-hour credits. At 6. Professor ERWIN.

S 9b. *Analytic Geometry*.—This course is offered to students who have had Plane and Spherical Trigonometry. Three semester-hour credits. At 5:10. Professor ERWIN.

## PHILOSOPHY AND PSYCHOLOGY

S 1. *General Psychology*.—A brief course in the principal facts and laws of human behavior. At 9:15. Two semester-hour credits. Assistant Professor MOSS.

S 2. *General Psychology*.—A study of the principal facts and laws of human behavior. At 5:10. Three semester-hour credits. Assistant Professor MOSS.

S 3. *Logic*.—A brief course in the fundamental concepts of logic. At 10:15. Two semester-hour credits. Mr. HANKIN.

S 4. *Logic*.—A study of the fundamental concepts of logic; induction and deduction; hypotheses; logical analysis. At 6. Three semester-hour credits. Mr. HANKIN.

S 22. *Ethics*.—A consideration of the principal ethical theories from the historical and social points of view. At 6:50. Three semester-hour credits. Professor RICHARDSON.

S XXIII. *Introduction to Philosophy*.—This course is intended to give a general survey of the subject for beginners. At 7:45 a. m. Two semester-hour credits. Professor RICHARDSON.

S 27. *Contemporary Philosophy*.—(To be given from August 7 to September 15, following course S XXIII.) At 7:45 a. m. Two semester-hour credits. Professor RICHARDSON.

S 54. *Philosophy of Freedom*.—Freedom and determinism; freedom and responsibility; freedom in organized society; freedom and legal restrictions. At 6:50. Three semester-hour credits. Mr. HANKIN.

### PHYSICS

Physics S 1. *General Physics*.—This course is required of all Engineering students, and may be elected by other students who have had High School Physics and Mathematics through Analytical Geometry.

S 1a. At 5:10. Three semester-hour credits. S 1b. At 6. Three semester-hour credits. Assistant Professor CHENEY.

S 2a and S 2b. *Laboratory Physics*.—The schedules of experiments are arranged to parallel the lecture courses, but different schedules may be arranged in special cases. Two semester-hour credits for either course. 7-9. Assistant Professor CHENEY.

S 3a. *Introductory General Physics*.—Mechanics, Heat, and Electrostatics. At 5:10. Three semester-hour credits. Professor BROWN.

S 3b. *Introductory General Physics*.—Magnetism and Electricity, Sound, and Light. At 6. Three semester-hour credits. Professor BROWN.

### POLITICAL SCIENCE

S 2. *Government of the United States*.—Historical development, forms, principles, and practical workings of the national government, with discussions of political platforms, political parties, policies, and present-day tendencies. At 6:50. Three semester-hour credits. Professor CROW.

S 4. *American State Government*.—Powers, rights and obligations of states in the union; legislative methods and limitations on



the legislature; growth and interpretation of state constitutions; administrative organization of states. At 5:10. Three semester-hour credits. Professor CROW.

S 23. *Municipal Government*.—Social structure of cities; their growth; their legal status; municipal organization in the United States, including mayor and council, commission and city manager plans; special attention given to current tendencies in municipal politics. At 4:10. Three semester-hour credits. Professor CROW.

### SPANISH

S 2a. *First-Year Course*.—Elements of Spanish Grammar; drill in pronunciation; oral and written composition; translation of modern Spanish prose. Hills and Ford's First Spanish Course (Heath). At 6. Three semester-hour credits. Professor DOYLE.

S 2b. *First-Year Course*.—(Second Semester.)—Open to students who have had one year of high school Spanish or one semester of college Spanish. At 5:10. Three semester-hour credits. Professor DOYLE.

S 4a. *Second-Year Course*.—Review of grammar; composition; translation of modern Spanish prose and poetry; collateral reading. At 6:50. Three semester-hour credits. Professor DOYLE.

### ZOOLOGY

S 3. *Zoology*.—Invertebrates and vertebrates. A lecture and laboratory course covering the pre-medical requirements. Lecture at 5:10. Laboratory 6-9. Eight semester-hour credits. Professor BARTSCH and Miss CHAPMAN.

## THE MEDICAL SCHOOL

### FACULTY

The names are arranged in the several groups in the order of assignment.

#### PRESIDENT OF THE UNIVERSITY

HOWARD LINCOLN HODGKINS, A. B., A. M., Ph. D., Sc. D.

#### DEAN OF THE MEDICAL SCHOOL

WILLIAM CLINE BORDEN, M. D.

*Professor of Surgery*

Lieutenant-Colonel, Medical Corps, United States Army, Retired; Consulting Surgeon, Casualty Hospital; *Surgeon-in-Chief to The George Washington University Hospital and Dispensary.*

2306 Tracy Place

#### PROFESSORS EMERITI

D. KERFOOT SHUTE, A. M., M. D.

*Clinical Professor of Ophthalmology, Emeritus*

HENRY CRECY YARROW, M. D.

*Professor of Dermatology, Emeritus*

WILLIAM K. BUTLER, A. M., M. D.

*Professor of Ophthalmology, Emeritus*

#### PROFESSORS

GEORGE NICHOLAS ACKER, A. M., M. D.

*Professor of Pediatrics*

Physician to the Children's Hospital; Consulting Physician to the Episcopal Eye, Ear and Throat Hospital and to the Lutheran Infirmary. *Pediatrician-in-Chief to the George Washington University Hospital and Dispensary.*

913 16th Street

STERLING RUFFIN, M. D.

*Professor of Medicine*

Visiting Physician to the Columbia Hospital for Women; Consulting Physician to the Government Hospital for the Insane; *Physician-in-Chief to The George Washington University Hospital and Dispensary.*

The Connecticut

CHARLES WILLIAMSON RICHARDSON, M. D., Sc. D.

*Professor of Laryngology, Rhinology and Otology*

Laryngologist to Children's Hospital; to the Episcopal Eye, Ear and Throat Hospital, and to the Washington Hospital for Foundlings; *Laryngologist-in-Chief to The George Washington University Hospital and Dispensary.*

1317 Connecticut Avenue

JOHN WESLEY BOVEE, M. D.

*Professor of Gynecology*

Gynecologist to the Columbia Hospital for Women; Gynecological Surgeon, Government Hospital for the Insane; *Gynecologist-in-Chief to The George Washington University Hospital and Dispensary.*

The Rochambeau



RANDOLPH BRYAN CARMICHAEL, M. D.

*Professor of Dermatology*

Dermatologist to the Garfield Memorial Hospital; the Providence Hospital; the Washington Hospital for Foundlings; the Central Dispensary and Emergency Hospital; Washington City Orphan Asylum; Government Hospital for Insane; Bruen Home, etc. *Dermatologist to The George Washington University Hospital and Dispensary.*

818 17th Street

FRANCIS RANDALL HAGNER, M. D.

*Professor of Genito-Urinary Surgery and Venereal Diseases*

Genito-Urinary Surgeon to the Garfield Memorial Hospital; Chief of the Genito-Urinary Clinic, The George Washington University Hospital and Dispensary.

The Farragut

WILLIAM ALANSON WHITE, M. D.

*Professor of Psychiatry and Clinical Professor of Neurology*

Superintendent of St. Elizabeth's Hospital, District of Columbia; Lecturer on Psychiatry, U. S. Army Medical School and U. S. Navy Medical School.

St. Elizabeth's Hospital

OSCAR BENWOOD HUNTER, A. B., A. M., M. D.

*Assistant Dean and Professor of Bacteriology and Pathology*

Consulting Pathologist to the Casualty Hospital; Pathologist to The George Washington University Hospital and Dispensary.

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BUCKNER MAGILL RANDOLPH, M. D.

*Professor of Materia Medica and Therapeutics*

Associate Physician to The George Washington University Hospital; Attending Physician to The George Washington University Dispensary.

922 17th Street N. W.

EDWARD URBANE REED, M. D.

Commander, Medical Corps, U. S. Navy

*Professor of Tropical Medicine*

Naval Medical School

HURON WILLIS LAWSON, S. M., M. D.

*Professor of Obstetrics*

Visiting Obstetrician, Columbia Hospital for Women; Visiting Gynecologist, Freedmen's Hospital; Obstetrician-in-Chief, The George Washington University Hospital and Dispensary.

1706 Rhode Island Avenue

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*Professor of Dietetics, Associate in Medicine, and Supervisor of Medical Clinics*

Assistant Attending Physician, Children's Hospital; Attending Physician, Dispensary; Central Dispensary and Emergency Hospital; Attending Physician, The George Washington University Dispensary.

3509 14th Street

THOMAS CHARLES MARTIN, Ph. D., M. D.

*Professor of Proctology*

The Rochambeau

## PROFESSIONAL DEPARTMENTS

HARRY S. BERNTON, A. B., M. D.  
*Professor of Medical Jurisprudence*  
 Director of Child Welfare, District of Columbia.  
 1333 G Street

WILLIAM THORNWALL DAVIS, M. D.  
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 Associate Ophthalmologist, The Episcopal Eye, Ear and Throat Hospital; Garfield Memorial Hospital; Columbia Hospital for Women; and Children's Hospital.  
 927 Farragut Square

JOHN K. BUTKIEWICZ, A. B., D. D. S.  
*Professor of Histology*  
 312 G Street N. E.

CUSTIS LEE HALL, M. D.  
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 2901 16th Street

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 Pathologist, St. Elizabeth's Hospital.  
 St. Elizabeth's Hospital

ARTHUR C. CHRISTIE, M. S., M. D.  
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 1621 Connecticut Avenue

GEORGE BAIN JENKINS, M. D.  
*Professor of Anatomy*  
 1639 W Street S. E.

EUGENE G. NORTINGTON, M. D.  
*Professor of Hygiene and of Military Science and Tactics*  
 Major, Medical Corps, U. S. Army, Retired. In charge Medical Corps, Unit, Reserve Officers' Training Corps.

RALPH EMERSON MYERS, A. B., M. A., M. D.  
*Professor of Chemistry*  
 2700 Connecticut Avenue

EUGENE RUDOLPH WHITMORE, B. S., M. D., Dr. P. H.  
*Professor of Bacteriology*  
 2139 Wyoming Avenue

HENRY WALTER KEARNEY, M. D.  
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 1229 O Street N. W.



TOMÁS CAJIGAS, B. S., M. D.

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*Director, Clinical Laboratory, The George Washington University Hospital and Dispensary.*

1834 16th Street

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826 Kennedy Street

\_\_\_\_\_, M. D.

*Professor of Military Surgery*

Colonel, Medical Corps, U. S. Army.

# ASSOCIATE PROFESSORS

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*Associate Visiting Surgeon, Central Dispensary and Emergency Hospital; Consulting Surgeon, St. Elizabeth's Hospital; Consulting Surgeon, Episcopal Eye, Ear and Throat Hospital; Associate Surgeon, The George Washington University Hospital.*

911 16th Street

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*Attending Gynecologist to the Dispensary, Columbia Hospital for Women; Assistant Surgeon, Children's Hospital; Surgeon to the Police and Fire Departments, D. C.; Associate Surgeon, The George Washington University Hospital.*

The Rochambeau

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*Associate Professor of Chemistry*

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1621 Connecticut Avenue

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*Associate Professor of Neurology and Psychiatry*

901 16th Street

JAMES H. DEFENDORF, A. B., M. A.

*Associate Professor of Physiology and Pharmacology*

Garet Park, Md.

# CLINICAL PROFESSORS

AURELIUS RIVES SHANDS, M. D.

*Clinical Professor of Orthopedic Surgery*

*Attending Surgeon to the Central Dispensary and Emergency Hospital; Consulting Surgeon to the Home for Incurables.*

901 16th Street

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Attending Physician to the Garfield Memorial Hospital and Tuberculosis Hospital.  
 1826 R Street

ALBERT LIVINGSTON STAVELY, M. D.  
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 Gynecologist to the Garfield Memorial Hospital.  
 1744 M Street

LUTHER HALSEY REICHELDERFER, M. D.  
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 1721 Connecticut Avenue

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 pensary and Emergency Hospital, and the Columbia Hospital for Women.  
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WILLIAM SINCLAIR BOWEN, M. D.  
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 Hospital.  
 The Farragut

OSCAR ADDISON MACK MCKIMMIE, M. D.  
*Clinical Professor of Laryngology and Otology*  
 Surgeon to the Episcopal Eye, Ear and Throat Hospital.  
 The Valois

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 1359 Columbia Road

HARRY HYLAND KERR, M. D., C. M.  
*Clinical Professor of Surgery*  
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 Memorial Hospital, and Associate Surgeon to the Providence Hospital.  
 1742 N Street

JAMES F. MITCHELL, A. B., M. D.  
*Clinical Professor of Surgery*  
 Chief, Surgical Service, Emergency Hospital; Consulting Surgeon, Providence  
 Hospital.  
 1344 19th Street

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 Surgeon to the Emergency Hospital and to the Providence Hospital.  
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 Physician to Providence Hospital.  
 1735 20th Street



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*Clinical Professor of Pediatrics*

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1612 I Street

THOMAS S. LEE, A. B., M. D.

*Clinical Professor of Medicine*

Attending Physician, Washington Asylum Hospital; Consulting Physician, Providence Hospital.

2109 O Street

EDGAR PASQUAL COPELAND, M. D.

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Assistant Physician, Children's Hospital; Attending Physician, Washington Foundling Hospital and St. Anne's Infant Asylum; Pediatricist to the Columbia Hospital and Freedman's Hospital; Member Staff, Washington Diet Kitchen Association; Associate in Pediatrics to The George Washington University Hospital and Dispensary.

The Rockingham

WILLIAM DAVIS TEWKSBURY, M. D.

*Clinical Professor of Medicine*

Physician in Charge, Tuberculosis Hospital; Medical Director, Health Department Clinic, District of Columbia.

Medical Science Building

#### ASSOCIATES

COURSEN BAXTER CONKLIN, B. S., M. D.

*Associate in Medicine*

Associate Pediatricist, Casualty Hospital; Associate Physician to The George Washington University Hospital.

The Rochambeau

WILLIAM JOHNSTON MALLORY, A. M., M. D.

*Associate in Medicine*

Director and Attending Physician to The George Washington University Dispensary.

1720 Connecticut Avenue

EDWIN A. MERRITT, M. D.

*Associate in Roentgenology*

Roentgenologist to the Garfield Memorial Hospital.

1821 Connecticut Avenue

CLINE N. CHIPMAN, M. D.

*Associate in Anaesthesia*

Anaesthetist to The George Washington University Hospital.

1420 Rhode Island Avenue

CHARLES W. HYDE, M. D.

*Associate in Anaesthesia*

Anaesthetist to The George Washington University Hospital.

The Alabama

## PROFESSIONAL DEPARTMENTS

ELIJAH WHITE TITUS, M. D.

*Associate in Gynecology**Associate in Gynecology, Columbia Hospital for Women. Attending Gynecologist, The George Washington University Dispensary.*

The Rochambeau

GEORGE NICHOLAS ACKER, 2D, B. S., M. D.

*Associate in Medicine**Attending Physician to The George Washington University Dispensary.*

2015 Q Street

HOWARD FRANCIS KANE, A. B., M. D.

*Associate in Obstetrics and Gynecology**Attending Obstetrician, Freedman's Hospital; Assistant Obstetrician, Casualty Hospital; Associate Obstetrician, Columbia Hospital for Women; Attending Gynecologist, George Washington University Dispensary.*

Stoneleigh Court

EDWARD J. HORGAN, M. D.

*Associate in Surgery*

Stoneleigh Court.

## CLINICAL ASSOCIATES

THOMAS LINVILLE, M. D.

*Clinical Associate in Medicine**Attending Physician to The George Washington University Hospital.*

2517 14th Street

ROSCOE W. HALL, Ph. B., M. D.

*Clinical Associate in Psychiatry**Senior Physician, St. Elizabeth's Hospital.*

St. Elizabeth's Hospital

EVERETT MONROE ELLISON, A. B., A. M., M. D.

*Clinical Associate in Medicine**Director of Clinics, Central Dispensary and Emergency Hospital; Assistant to Attending Staff, Children's Hospital; Member of Medical Staff, Washington Diet Kitchen Association.*

1720 M Street

ADAM KEMBLE, Phar. D., M. D.

*Clinical Associate in Genito-Urinary Surgery**Attending Surgeon, Genito-Urinary Service, The George Washington University Dispensary.*

The Cecil

DANIEL C. MAIN, M. D.

*Clinical Associate in Psychiatry**Clinical Director, St. Elizabeth's Hospital.*

St. Elizabeth's Hospital

EDWARD M. PARKER, M. D.

*Clinical Associate in Surgery*

1726 M Street N. W.



WILLIAM H. JENKINS, M. D.

*Clinical Associate in Laryngology and Otology*

Junior Assistant Surgeon, Episcopal Hospital; Associate Attending Surgeon in  
Oto-Laryngology, Emergency Hospital.

1738 M Street N. W.

CYRUS W. CULVER, M. D., C. M.

*Associate in Obstetrics*

Director, Out-Patient Obstetric Service; Attending Obstetrician, George Wash-  
ington University Dispensary.

1135 Allison Street

WATSON WILLIAM ELDRIDGE, M. D.

*Associate in Medicine*

Internist to St. Elizabeth's Hospital.

St. Elizabeth's Hospital

#### INSTRUCTORS

EDWARD GRANT SEIBERT, Ph. G., M. D.

*Clinical Instructor in Laryngology and Ophthalmology*

Assistant Attending Physician, Episcopal Eye, Ear and Throat Dispensary;  
Associate in Laryngology to The George Washington University Hospital;  
Laryngologist to The George Washington University Dispensary.

1545 I Street

JOHN POTTS FILLEBROWN, M. E., M. D.

*Clinical Instructor in Surgery*

Attending Surgeon, George Washington University Dispensary.

Stoneleigh Court

ALBERT PERKINS TIBBETS, A. B., M. D.

*Clinical Instructor in Laryngology*

Assistant Laryngologist and Otologist, George Washington University Dispensary.

1430 Rhode Island Avenue

HARRY SAMUEL LEWIS, M. D.

*Clinical Instructor in Surgery*

Associate in Surgery, Central Dispensary and Emergency Hospital.

1219 Vermont Avenue

VIRGIL B. JACKSON, M. D.

*Clinical Instructor in Gynecology*

Associate Gynecologist to the Central Dispensary and Emergency Hospital.

The Kedrick

HOMER GIFFORD FULLER, M. D.

*Clinical Instructor in Genito-Urinary Surgery*

Assistant, Genito-Urinary Service, The George Washington University Hospital  
and Dispensary.

1884 Columbia Road

## PROFESSIONAL DEPARTMENTS

FRED Y. WILLIAMSON, M. D.  
*Clinical Instructor in Surgery*

Attending Surgeon, University Dispensary.

The Rochambeau

F. AUGUST REUTER, M. D.  
*Clinical Instructor in Medicine*

Assistant Interne, St. Elizabeth's Hospital.

St. Elizabeth's Hospital

EUGENE A. TAYLOR, M. D.  
*Clinical Instructor in Laryngology*

Attending Surgeon, Episcopal Eye, Ear and Throat Hospital.

1029 Vermont Avenue

JAMES A. CAHILL, JR., M. D.  
*Clinical Instructor in Surgery*

Associate Surgeon, Providence Hospital; Associate in Gynecology, Georgetown University Hospital.

1940 Biltmore Street

NATHAN NORMAN SMILER, M. D.  
*Clinical Instructor in Surgery*

Member, Dispensary Staff, Emergency Hospital; Attending Physician, Child's Welfare; Attending Surgeon, George Washington University Dispensary.

1103 P Street

MAURICE A. SELINGER, M. D.  
*Clinical Instructor in Medicine*

Assistant Attending Physician, Children's Hospital; Associate Attending Physician, Garfield Memorial Hospital.

1120 Columbia Road

BOYCE RICHARDSON BOLTON, M. D.  
*Clinical Instructor in Laryngology and Otology*

Episcopal Ear, Nose and Throat Hospital

WILLIAM H. TALBOTT, M. D.  
*Instructor in Physical Diagnosis*

1125 Buchanan Street



# THE STAFF OF THE GEORGE WASHINGTON UNIVERSITY HOSPITAL AND DISPENSARY

## Hospital

STERLING RUFFIN, M. D.	Physician-in-Chief
BUCKNER MAGILL RANDOLPH, M. D.	Associate Physician
COURSEN BAXTER CONKLIN, M. D.	Associate Physician
THOMAS LINVILLE, M. D.	Associate Physician
WILLIAM CLINE BORDEN, M. D.	Surgeon-in-Chief
CHARLES STANLEY WHITE, M. D.	Associate Surgeon
DANIEL LERAY BORDEN, M. D.	Associate Surgeon
JOHN WESLEY BOVEE, M. D.	Gynecologist-in-Chief
HURON WILLIS LAWSON, M. D.	Obstetrician-in-Chief
GEORGE NICHOLAS ACKER, M. D.	Pediatrician
EDGAR PASQUAL COPELAND, M. D.	Associate Pediatrician
CUSTIS LEE HALL, M. D.	Orthopedic Surgeon
FRANCIS RANDALL HAGNER, M. D.	Genito-Urinary Surgeon
HOMER GIFFORD FULLER, M. D.	Associate Genito-Urinary Surgeon
ADAM KEMBLE, M. D.	Associate Genito-Urinary Surgeon
RANDOLPH BRYAN CARMICHAEL	Dermatologist
CHARLES WILLIAMSON RICHARDSON, M. D.	Laryngologist
WILLIAM THORNHILL DAVIS, M. D.	Ophthalmologist
EDWARD GRANT SEIBERT, M. D.,	

## Associate Laryngologist and Ophthalmologist

ARTHUR C. CHRISTIE, M. D.	Roentgenologist
THOMAS A. GROOVER, M. D.	Associate Roentgenologist
EDWIN A. MERRITT, M. D.	Associate Roentgenologist
HENRY W. KEARNEY, M. D.	Anaesthetist
CLINE N. CHIPMAN, M. D.	Associate Anaesthetist
CHARLES W. HYDE, M. D.	Associate Anaesthetist
OSCAR BENWOOD HUNTER, M. D.	Pathologist
TOMAS CAJIGAS, M. D.	Director of the Clinical Laboratory
AURALEE SCHREVE, R. N.	Laboratory Technician
B. B. THOMPSON, R. N.	Superintendent of Nurses and Principal of the Training School for Nurses
JOHN BRUCE COPPING	Superintendent

## Dispensary

STERLING RUFFIN, M. D.	Physician-in-Chief
WILLIAM CLINE BORDEN, M. D.	Surgeon-in-Chief
JOHN WESLEY BOVEE, M. D.	Gynecologist-in-Chief
HURON WILLIS LAWSON, M. D.	Obstetrician-in-Chief
WILLIAM J. MALLORY, M. D.	Director of the Dispensary

## Medicine

WILLIAM JOHNSTON MALLORY, M. D.	Attending Physician
FRANK A. HORNADAY, M. D.	Attending Physician
JAMES H. HAWFIELD, M. D.	Attending Physician
JESSE T. MANN, M. D.	Attending Physician
WILLIAM B. SIMS, M. D.	Attending Physician
JAMES MINOR, M. D.	Attending Physician
RUSSELL K. HOLLINGSWORTH, M. D.	Attending Physician

## Surgery

JOHN POTTS FILLEBROWN	Attending Surgeon
JACOB KOTZ, M. D.	Attending Surgeon
CUSTIS L. HALL, M. D.	Attending Surgeon
FRED Y. WILLIAMSON, M. D.	Attending Surgeon
NATHAN N. SMILER	Attending Surgeon

## Genito-Urinary and Skin Diseases

ADAM KEMBLE, M. D.	Attending Surgeon
CHARLES O. KNOTT, M. D.	Attending Surgeon
HARRY PRICE, M. D.	Attending Surgeon
LYLE M. MASON, M. D.	Attending Surgeon

## Gynecology

HOWARD FRANCIS KANE, M. D.	Attending Gynecologist
ELIJAH WHITE TITUS, M. D.	Attending Gynecologist

## Obstetrics

CYRUS W. CULVER, M. D.	Attending Obstetrician, Out-Patient Service
RAMSAY SPILLMAN, M. D.	Attending Obstetrician

## Eye, Ear, Throat and Nose

WILLIAM T. DAVIS, M. D.	Ophthalmologist
EDWARD GRANT SEIBERT, M. D.	Laryngologist and Ophthalmologist
RALPH S. PENDEXTER, M. D.	Attending Ophthalmologist
ALBERT PERKINS TIBBETS, M. D.	Attending Laryngologist & Otologist
EARL GRIFFITH BREEDING, M. D.	Attending Laryngologist & Otologist
BOYCE R. BOLTON, M. D.	Attending Laryngologist

## Pediatrics

COURSEN BAXTER CONKLIN, M. D.	Attending Pediatrician
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## Neurology

JOSEPH D. STOUT, M. D.	Attending Neurologist
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## Roentgenology

ARTHUR C. CHRISTIE, M. D.	Roentgenologist
THOMAS A. GROOVER, M. D.	Associate Roentgenologist



**Dentistry**

ALLAN S. WOLFE, D. D. S. .... *Attending Oral Surgeon*  
 RALPH L. MORRISON, D. D. S. .... *Attending Dental Surgeon*  
 H. A. SWANSON, D. D. S. .... *Attending Dental Surgeon*

**Pathology**

OSCAR BENWOOD HUNTER, M. D. .... *Pathologist*

**Laboratory**

TOMAS MOREAU CAJIGAS, M. D. .... *Director*  
 AURALEE SHREVE, R. N. .... *Technician*

**Medical Building**

ANNA ELIZABETH SELLNER .... *Secretary to the Dean*  
 OSCAR B. HUNTER, M. D. .... *Curator of the Museum*  
 WILLIAM BINFORD KING, A. B. .... *Librarian*  
 VIOLET RAISON .... *Assistant Librarian*  
 ELMER SCHATZ .... *Superintendent of the Building*

**Historical**

The Medical School of the George Washington University, in chronological order of establishment, is the eleventh Medical School in the United States. The first course of lectures began in March, 1825. For many years the school was known as the National Medical College; subsequently as the Department of Medicine of the Columbian University. By virtue of an act of Congress approved January 23, 1904, the Columbian University changed its name to "The George Washington University."

In order to increase the facilities for bedside and clinical teaching, the University Hospital and the University Dispensary were established in 1898 and made a part of the Medical School. In 1902 the old Medical School Building, in which the exercises had been held since 1867, gave place to the present large and commodious structure.

**Educational Position**

The Medical School of the University has for several years been a member of the Association of American Medical Colleges. It is one of the medical colleges designated as "Class A" by the American Medical Association, and it is accredited for all its work by the Combined (Royal) Medical Examining Boards in England.

The degree of M. D. given by this University admits the holder to all governmental examinations, including those for the Medical Corps of the United States Army and Navy and the Public Health Service and, with evidence of one year of post graduate hospital work in those States which require hospital internship, will admit a graduate of our Medical School to all state examinations.

The alumni of this school are largely represented in all public services, and have been highly successful in passing the rigid examinations given by them. These facts guarantee the character of the work done by the School and insure students and graduates all the advantages which accrue from such association and recognition.

### BUILDINGS AND OTHER FACILITIES

All the buildings adjoin each other and consist of the Medical School building, the University Hospital and the University Dispensary. They are most advantageously situated in the heart of the city within one block of both systems of car lines. As the Hospital and Dispensary adjoin the School, their clinical facilities are easily accessible to the students, and the pathological material and the material for clinical microscopy and clinical chemistry afforded by the Hospital and Dispensary are directly used in the School laboratories.

*Medical School Building.*—A modern, commodious, five-story structure with spacious, well-lighted, well-ventilated lecture and class rooms, laboratories, and students' rooms, equipped with steam heat, gas, electricity, and all modern improvements.

*Laboratories.*—Five in number (for anatomy, bio-chemistry and clinical chemistry, histology and embryology, physiology and pharmacology and bacteriology and pathology) are fully equipped with the most approved appliances, so that students may adequately pursue the laboratory courses and acquire the technical skill necessary in modern clinical and research work.

*Medical Library.*—Open for study and reading from 9 a. m. to 4 p. m., with a librarian in charge. It contains at present more than 2,000 volumes, and provision is made to add to it as published the important new works on medicine. The standard medical periodicals are regularly received. The library is an excellent working collection, as it affords opportunity to read up adequately on the subjects presented in the courses.

For purposes of study and research the unequalled resources of the great Library of the Surgeon General of the Army are available to all students and teachers.

*Pathological Museum.*—Contains many valuable and interesting specimens. Their number is increased by additions from time to time. These specimens are particularly valuable to the students as illustrating the changes produced by disease.

*No dental or arts courses are conducted in the Medical School, and students in medicine have the advantage of being instructed by teachers whose interests are primarily medical and of not having to be in classes or laboratories with students pursuing other courses.*



## ADVANTAGE OF LOCATION FOR THE STUDY OF MEDICINE

The city of Washington has nearly a half million inhabitants, providing abundant clinical material to the hospitals, which have an aggregate of over four thousands beds. In these hospitals clinical instruction, in addition to that in the University Hospital, is given by members of the faculty.

The *great libraries and museums* connected with the various Government institutions afford unparalleled facilities for study.

The Library of the Surgeon General's office of the United States Army is the most complete medical library in the world, and all leading medical periodicals of the world are subscribed for. There is also the Library of Congress, the public Library, and the many excellent libraries of the various government offices. All the facilities of these great libraries are open to *medical students*.

The *Army Medical Museum* affords an unrivalled opportunity for studying the conditions met with in military and general medicine and surgery. It has on exhibition a collection of anatomical and pathological specimens unequalled by any other museum. The other great government museums—the Museum of Hygiene and the National Museum—as well as the Smithsonian Institution, the Fish Commission, the Botanic Gardens and the Department of Agriculture, all afford opportunities for study both in medicine and its collateral sciences.

On account of the many medical and scientific facilities of this city, the *Army and Navy Medical Schools*, with the large *Army and Navy General Hospitals*, have been located here.

*Aside from the special advantages offered for the study of medicine, the cosmopolitan character of the city of Washington, its climate (not excessively cold in winter), its beauty, and its interests, which, as it is the seat of the General Government, are broad and national, make it an ideal place for a medical student to pass his four years of study.*

## ADMISSION \*

The requirements for admission to the Medical Schools are as follows:

Candidates for matriculation must be of good moral character.

The minimum educational requirements for admission are fifteen units of secondary school work and two years of college work made up as follows:

## SECONDARY SCHOOL UNITS

Credit may be granted for the subjects shown in the following list and for any other subjects counted by a standard accredited high school as a part of the requirements for its diploma, provided that at least eleven units must be offered in groups I-V:

<i>Subjects</i>	<i>Units* Required</i>	
<b>Group I, English—</b>		
Literature and composition.....	3-4	3
<b>Group II, Foreign Languages—</b>		
Latin .....	1-4	
Greek .....	1-3	
French and German.....	1-4	2†
Other foreign languages.....	1-4	
<b>Group III, Mathematics—</b>		
Elementary algebra.....	1	1
Advanced algebra.....	$\frac{1}{2}$ -1	
Plane geometry.....	1	1
Solid geometry.....	$\frac{1}{2}$	
Trigonometry .....	$\frac{1}{2}$	
<b>Group IV, History—</b>		
Ancient history.....	$\frac{1}{2}$ -1	
Medieval and modern history.....	$\frac{1}{2}$ -1	
English history.....	$\frac{1}{2}$ -1	1
American history.....	$\frac{1}{2}$ -1	
Civil government.....	$\frac{1}{2}$ -1	
<b>Group V, Science—</b>		
Botany .....	$\frac{1}{2}$ -1	
Zoology .....	$\frac{1}{2}$ -1	
Chemistry .....	1	
Physics .....	1	
Physiography .....	$\frac{1}{4}$ -1	
Physiology .....	$\frac{1}{2}$ -1	
Astronomy .....	$\frac{1}{2}$	
Geology .....	$\frac{1}{2}$ -1	

\* A unit is the credit value of at least thirty-six weeks' work of four or five recitation periods per week, each period to be not less than 45 minutes. A point is a subject pursued through one-half the above time. Two points may be considered the equivalent of one unit.

† Both of the required units of foreign language must be of the same language, but the two units may be presented in any one of the languages specified.



<i>Subjects</i>	<i>Units Required</i>
Group VI, Miscellaneous—	
Agriculture _____	1-2
Bookkeeping _____	$\frac{1}{2}$ -1
Business law _____	$\frac{1}{2}$ -1
Commercial geography _____	$\frac{1}{2}$ -1
Domestic science _____	1-2
Drawing, freehand and mechanical _____	$\frac{1}{2}$ -2
Economics and economic history _____	$\frac{1}{2}$ -1
Manual training _____	1-2
Music: Appreciation and harmony _____	1-2

## COLLEGE WORK

	<i>Semester hours required</i>
Chemistry _____	12
Physics _____	8
Biology _____	8
English _____	6
Electives _____	26

*Chemistry.*—Of the twelve semester hours required, eight hours must be made up of general inorganic chemistry (including four semester hours of laboratory work). Qualitative analysis may be counted as general inorganic chemistry. The remaining four semester hours may consist of additional work in general chemistry or of work in analytic or organic chemistry. After September 1, 1922, the four semester hours must consist of organic chemistry.

*Physics.*—The eight semester hours required must include at least two semester hours in laboratory work. It is urged that this course be preceded by a course in trigonometry.

*Biology.*—Eight semester hours required, of which four must consist of laboratory work. This requirement may be satisfied by a course of eight semester hours in either general biology or zoology or by a course of four semester hours each in zoology and botany, but not by botany alone.

*English Composition and Literature.*—The usual introductory college course of six semester hours, or its equivalent, is required.

*Electives.*—It is recommended that the twenty-six semester hours required include a modern foreign language, comparative vertebrate anatomy, social science and psychology.

A semester hour is the credit value of one-half year's work consisting of one lecture or recitation period per week, each period to be not less than fifty minutes net; at least two hours of lab-

oratory work to be considered as the equivalent of one lecture or recitation period; and the year to be not less than thirty-three weeks of actual work.

An examination is given by the University in the latter part of May and September of each year to students who are deficient in whole or part of the subjects required for entrance to the Pre-medical Course. Candidates desiring examination must submit an application for the examination before the first of the month in which they desire to be examined.

Certificates from reputable instructors recognized by the State Board of Medical Examiners duly authorized by law or by the Superintendent of public instruction in States having no examining board may be accepted in lieu of any part of the examination.

The laws relating to the preliminary educational qualifications required of physicians differ in many of the States, and candidates are advised that if they meet the premedical and other requirements of this School they will be able to comply with these legal demands of all State Examining Boards in the United States. Any admission standard lower than that of this institution will not meet the requirements of all the States in the Union.

#### SPECIAL COURSE FOR ADMISSION TO THE MEDICAL SCHOOL

Courses are offered by the University to meet the required two years of college work necessary to enter the freshman class in Medicine.

<i>First Year</i>	SEMESTER HOURS
Chemistry 1 and 2 .....	10
Zoology 3 .....	8
English 1 or 2 .....	6
Electives (including preferably French or German)....	6
	—
Total .....	30

<i>Second Year</i>	SEMESTER HOURS
Physics 3 and 4 .....	10
Chemistry 8 .....	6
Electives (other than Natural Science).....	14
	—
Total .....	30



**COURSES AND DEGREES OFFERED BY THE UNIVERSITY  
IN ADDITION TO OR IN COMBINATION WITH THE  
COURSE FOR THE DEGREE OF DOCTOR  
OF MEDICINE**

The University offers a six-year combination course, by which a student may obtain the degree of Bachelor of Science in Medicine and Doctor of Medicine, and a seven-year course for the degrees of Bachelor of Arts and Doctor of Medicine.

**ADMISSION TO COLUMBIAN COLLEGE**

Applicants for admission to the Freshman Class in Columbian College for the combined courses leading to the degrees of Bachelor of Arts or Bachelor of Science in Medicine and Doctor of Medicine must meet the general admission requirements of fifteen units. A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. *The fifteen units of the entrance requirements must include English, 3 units; Mathematics, 2½ units, and one of the following languages: Latin, Greek, French, German, or Spanish 2 units.* The remainder of the requirement is elective and may be satisfied in general by any accredited secondary school subjects.

**SIX YEAR COURSE FOR THE DEGREES OF BACHELOR OF  
SCIENCE IN MEDICINE AND DOCTOR OF MEDICINE**

Regular students in this course will complete in two years the prescribed work in college, at least twelve semester hours of which must be taken in Columbian College, and the four-year course in the Medical School. On the completion of this six-year course the student will receive at the same time the degrees of Bachelor of Science in Medicine and Doctor of Medicine. The curriculum for the combined six-year course is as follows:

*a. Columbian College*

*Freshman Year*

	SEMESTER HOURS
Chemistry 1 and 2 _____	10
English 1 or 2 _____	6
French or German _____	6
Mathematics _____	6
Zoology 3 _____	8
	—
Total _____	36

*Sophomore Year*

	SEMESTER HOURS
Chemistry 8 .....	6
French, German or Spanish .....	6
Philosophy (including Psychology) .....	6
Physics 3 and 4 .....	10
Zoology 2 .....	6
Electives .....	2
Total .....	36

*b. Medical School*

The four-year course for the degree of Doctor of Medicine.

### SEVEN YEAR COURSE FOR THE DEGREES OF BACHELOR OF ARTS AND DOCTOR OF MEDICINE

Regular students in this course will complete at least 90 semester hours as prescribed in Columbian College and the first-year course in the Medical School. On completion of the prescribed 90 semester hours of college work and the first year of the regular course in Medicine, the student will receive the degree of Bachelor of Arts.

The hours of prescribed work, at least 12 semester hours of which must be taken in Columbian College, are as follows:

## Columbian College:

SUBJECT	SEMESTER HOURS
Zoology 3 .....	8
Chemistry 1, 2 and 8 .....	16
English .....	6
Modern Languages, preferably French or German.....	12
Mathematics .....	6
Physics 3 and 4 .....	10
Philosophy (including Psychology) .....	6
Electives (including not to exceed 30 semester hours in Medicine) .....	56
Total .....	120

## ADMISSION OF STUDENTS FROM OTHER SCHOOLS

Students who have satisfactorily attended one or more terms at any other Class A medical school, and who have the necessary



preliminary educational requirements, may be admitted to advanced standing.

Students who have been in attendance upon an Arts course in other accredited colleges or universities may be admitted to advanced standing in any of the premedical courses offered by the University upon examination or upon presentation of properly certified evidence of satisfactory completion of work for which credit is asked.

Students, approved by the Dean, not candidates for the degree of Doctor of Medicine, may be admitted as special students to any of the courses, provided they have the educational attainments which will enable them to pursue properly the studies they elect.

#### ACADEMIC YEAR

The *Academic Year* begins on the last Wednesday in September. It is divided into two half-years of four months each.

The term of study for the degree of Doctor of Medicine consists of four years of thirty-two weeks each, exclusive of vacations and holidays. The next session, the ninety-ninth, begins September 27, 1922, and ends June 6, 1923.

Students must register promptly at the beginning of the session, in order that their time of study shall count as a full year.

#### SYSTEM OF INSTRUCTION

Instruction is carried on by laboratory work, lectures, recitations, bedside instruction, and hospital and dispensary clinics. Particular stress is laid upon laboratory work and clinical teaching. The clinical material of the University Hospital and Dispensary is utilized to the fullest extent, as the Hospital, the Dispensary, and the Medical School are under the same control. Additional clinics are given in other hospitals in the city to which members of the faculty are attached.

While the greatest stress is laid upon laboratory work and clinical teaching, it is recognized that the facts so obtained must be correlated and shown in their due relation to each other and to the science of medicine. To this end didactic lectures are maintained in certain branches, as they have been found necessary to give a systematic and comprehensive idea of the larger subjects in medicine.

*The policy adopted by the School is to give a comprehensive, well-graded and well-proportioned course—one that will adequately prepare the graduate to practice general medicine and meet the requirements of State Medical Examining Boards.*

## ORDER OF INSTRUCTION

The subjects studied in each year are shown in the following table. Major subjects are in *italics*:

FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
<i>Anatomy.</i> <i>Histology.</i> <i>Embryology.</i> <i>Physiology.</i> <i>Chemistry.</i> <i>Ethics.</i>	<i>Anatomy.</i> <i>Chemistry.</i> <i>Pathology.</i> <i>Bacteriology.</i> <i>Materia Medica.</i> <i>Pharmacology.</i> <i>Minor Surgery.</i> <i>Physical</i> <i>Diagnosis.</i> <i>Pathological</i> <i>Physiology.</i> <i>Hygiene.</i>	<i>Medicine.</i> <i>Surgery.</i> Fractures and Dislocations. <i>Clinical</i> <i>Microscopy.</i> <i>Obstetrics.</i> <i>Therapeutics.</i> <i>Roentgenology.</i> <i>Anaesthesia.</i> <i>Gynecology.</i> <i>Medical</i> <i>Jurisprudence.</i> <i>Clinical</i> <i>Chemistry.</i> <i>Dietetics.</i> <i>Tropical</i> <i>Medicine.</i> <i>Clinics.</i>	<i>Medicine.</i> <i>Surgery.</i> <i>Orthopedics.</i> <i>Genito-Urinary</i> <i>Diseases.</i> <i>Military</i> <i>Surgery.</i> <i>Obstetrics.</i> <i>Gynecology.</i> <i>Laryngology</i> <i>and Otology.</i> <i>Ophthalmology.</i> <i>Dermatology.</i> <i>Psychiatry.</i> <i>Pediatrics.</i> <i>Neurology.</i> <i>Ethics.</i> <i>Clinics.</i>

The *clinics* above listed comprise the medical, surgical, obstetrical and other clinics given in the third and fourth years, and are as hereafter noted under the announcements of the different clinical subjects.

Students in the medical unit, Reserve Officers' Training Corps, have one additional hour per week of instruction in medico-military subjects.



## OUTLINE OF CURRICULUM

### Hours of Required Work in Each Subject

(On the basis of 32 actual weeks in each year)

SUBJECT	YEARS	HOURS		Didactic not to exceed
		Totals*†	Di- dactic, Lab. and Clinical	
Anatomy .....	I	420		60
Anatomy .....	II	82		20
			502	80
Histology and Embryology.....	I	288		60
			288	60
Chemistry .....	I	250		90
			250	90
Physiology .....	I	90		30
Physiology .....	II	198		70
			288	100
Bacteriology .....	II	144		30
Pathology .....	II	320		60
Preventive Medicine and Hy- giene .....	II	84		32
			548	122
Pharmacology .....	II	162		60
Materia Medica .....	II	30		12
			192	72
Therapeutics .....	III	64		64
			64	64
Gynecology .....	III and IV	120		45
			120	45
Obstetrics .....	III and IV	192		64
			192	64
Medicine, including Endocrinol- ogy and Dietetics .....	II, III, IV			
General Medicine .....		510		152
Clinical Microscopy .....		48		12
Physical Diagnosis .....		80		40
Tropical Diseases .....		12		12
Dermatology and Syphilis.....		93		30
Pediatrics .....		165		62
Nervous and Mental Diseases..		163		54
Medical Jurisprudence .....		23		23
Clinical Chemistry .....		48		12
		—1142		— 401

\* The number of hours represents the amount of time each student devotes to the course. In addition to the hours scheduled in the third and fourth years, each student is required to do satisfactorily considerable practical work; he is assigned to cases in hospitals, is required to assist at operations, to attend cases of labor, administer anaesthetics, attend autopsies, and to take the history of cases. Fully 120 hours annually are required to do this unscheduled work.

† Subject to variation.

SUBJECT	YEARS	HOURS	
		Totals*† Di-	Didactic
		dactic, Lab.	not to
		and Clinical	exceed
Surgery	II, III, IV		
General Surgery, including			
Minor Surgery, Military			
Surgery, Fractures and An-			
aesthesia		484	148
Roentgenology		36	14
Ophthalmology		60	18
Otology and Laryngology		56	28
Genito-Urinary Surgery		52	28
Orthopedics		57	24
		— 745	— 260
Grand totals		4331	1358



FIRST YEAR SCHEDULE

First Trimester

<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>	<i>Saturday</i>
2-5 Histology & Anatomy	9-12 Anatomy	9-12 Anatomy	9-12 Anatomy	9-12 Anatomy	9-12 Chemistry
1-3 Military Science					

2-5 Histology & Embryology	2-5 Chemistry	2-5 Histology and Embryology	2-5 Chemistry	2-5 Histology & Embryology	2-5
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Second Trimester

9-12 Anatomy	9-12 Anatomy	9-12 Anatomy	9-12 Anatomy	9-12 Anatomy	9-12 Chemistry
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1-3  
Military  
Science

2-5 Histology & Embryology	2-5 Chemistry	2-5 Histology and Embryology	2-5 Chemistry	2-5 Histology & Embryology	2-5
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Third Trimester

9-12 Anatomy	9-12 Anatomy	9-12 Anatomy	9-12 Chemistry	9-12 Histology & Embryology	9-12 Physiology
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1-3  
Military  
Science

2-5 Histology & Embryology	2-5 Chemistry	2-5 Histology and Embryology	1-5 Physiology	1-5 Physiology	
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# SECOND YEAR First Trimester

<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>	<i>Saturday</i>
9-12 Bacteriology and Immunology	9-12 Bacteriology and Immunology	9-12 Bacteriology and Immunology	9-12 Bacteriology and Immunology	9-12 Pharmacology and Materia Medica	9-12 Pharmacology and Materia Medica
1-5 Physiology	2-5 Neuro- Anatomy	1-5 Physiology	1-5 Military Science	1-5 Physiology	

# Second Trimester

9-12 Pathology	9-12 Pathology	9-12 Pathology	9-12 Pathology	9-12 Pharmacology and Materia Medica	9-12 Pharmacology and Materia Medica
1-5 Physiology	1-5 Applied Anatomy	1-5 Physiology	1-5 Applied Anatomy	1-5 Physiology	1-5 Military Science

# Third Trimester

9-1 Pathology	9-1 Pathology	9-1 Pathology	9-1 Physical Diagnosis	1-5 Gross and Neuro- Pathology	1-5 Military Science
2-5 Preventive Medicine and Hygiene	2-5 Physical Diagnosis	2-5 Physical Diagnosis	2-5 Preventive Medicine & Hygiene		
	2-4 Physical Diagnosis	4-5 Minor Surgery	1-4 Minor Surgery		



# THIRD YEAR

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8-9 Surgery Lecture					
9-10 Practice of Medicine Lecture	9-10 Therapeutics	9-10 Practice of Medicine Lecture	9-10 Gynecology Lecture	9-10 Practice of Medicine Lecture to January 31st	9-12 Clinical Chemistry to January 31st Clinical Microscopy after February 1
10-11 Obstetrics Lecture	10-11 Dietetics to December 31st	10-12 Gynecological Clinic University Hospital or Columbia Hospital 2 Sections	10-15-11:45 Surgical Clinic Children's Hospital 2 Sections	10-11 Therapeutics	
11-12 Practice of Medicine Recitation	11:30-12:30 Obstetrics	11-12 Obstetrical Clinic Columbia Hospital after February 1st Special Sections	11-12 Obstetrical Clinic Columbia Hospital after February 1st Special Sections	11-12 Surgery Lecture 12:45-1:45 Medical Clinic Emergency Hospital 1 Section	
12:30-2 Surgical Clinic University Hospital Entire Class	1-2 Surgery Lecture	1-3 Surgical Clinic Emergency Hospital Entire Class	12-1 Surgical Clinic University Hospital Entire Class	1-2 Gynecological Clinic University Hospital 1 Section	1-3 Laryngological and Ophthalmological Clinic University Dispensary 1 Section
5-4 Dietetics Lecture to December 31st Protology Lecture after January 1st	2-3 Gynecological Clinic Emergency Hospital 1 Section		1-3 Medical Clinic University Hospital Entire Class	2-3 Pediatrics Lecture to December 31st Roentgenology after January 1st	1-15-1:45 Neurological Clinic Emergency Hospital 1 Section
4:30-5:30 Tropical Medicine Lecture to December 31st Medical Jurisprudence after January 1st.	2:15-3:15 Pediatric Clinic Children's Hospital 1 Section	2-4 Pediatrics Lecture to December 31st	2:30-4 Pediatric Clinic Children's Hospital 1 Section	4-5 Neurology Lecture	2:15-3:15 Pediatric Clinic Children's Hospital 1 Section
	4-5 Anesthesia Lecture to December 1st				3-3 Medical Clinic University Hospital Entire Class

## FOURTH YEAR

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8-9 Gynecology Recitation	8-9 Laryngology to De- cember 31st Dermatology January 1-May 1			8-9 Laryngology to De- cember 31st Dermatology Janu- ary 1st to May 1st	8-9 Orthopedics Lecture to February 28th Ethics, two periods, after March 1st
9-10 Practice of Medicine Lecture	9-10-12 Medical Clinic Providence Hospital Half Section	9-10 Practice of Medicine Lecture	9-11 Neurological and Psychiatric Clinic St. Elizabeth's Hospital 1 Section	9-10 Practice of Medicine Lecture to January 31st	9-10-11:30 Medical Clinic Washington Asylum Hospital 1 Section Surgical Clinic Washington Asylum Hospital 1 Section
10-11:12:15 Pediatric Clinic Children's Hospital 1 Section	9-10-12 Surgical Clinic Providence Hospital Half Section	10-11:11:45 Orthopedic Clinic Emergency Hospital 1 Section	9-10:45 Surgical Clinic Emergency Hospital 1 Section	10-10:30-12:30 Surgical Clinic Garfield Hospital Half Section	
10-10:30-12:15 Genito-Urinary Clinic Garfield Hospital 1 Section		10-11:45 Gynecological Clinic Columbia Hospital or University Hospital 1 Section	11-12 Obstetrical Clinic Columbia Hospital to January 31st Special Sections	10-10:15-12:15 Orthopedic Clinic Children's Hospital 1 Section	
11-12 Obstetrical Clinic Columbia Hospital to January 31st Special Sections	10-10:30-11:30 Pediatric Clinic Children's Hospital Half Section	11-12 Obstetrical Clinic Columbia Hospital to January 31st Special Sections		10-10:15-12:15 Pediatric Clinic Children's Hospital Half Section	
12-12:30-2 Surgical Clinic University Hospital	12-1 Medical Clinic University Hospital 1 Section	12-1 Obstetrics Lecture			



12:30-1:30

Medical Clinic  
Tuberculosis Hospital  
1 Section

2-4  
Ophthalmological  
Clinic  
Episcopal Eye, Ear,  
Nose and Throat  
Hospital  
Special Sections

1-3  
Dermatological Clinic  
Emergency Hospital  
1 Section

1-3  
Neuropathology  
St. Elizabeth's  
Hospital  
Entire Class

1-3  
Laryngological and  
Ophthalmological  
Clinic  
University Dispensary  
1 Section

1-3  
Medical Clinic  
University Hospital  
1 Section

2-3  
Medical Clinic  
Garfield Hospital  
1 Section

1-3  
Roentgenological  
Clinic  
University Dispensary  
1 Section

1-3  
Genito-Urinary  
Clinic  
Emergency Hospital  
1 Section

5-4  
Medical Clinic  
St. Elizabeth's Hos-  
pital to April 1st  
Entire Class

1-3  
Dermatological Clinic  
Emergency Hospital  
1 Section

1-3  
Laryngological Clinic  
Episcopal Eye, Ear,  
Nose and Throat  
Hospital  
1 Section

1-4  
Infectious Disease  
Clinic  
Garfield Hospital  
1 Section

2-4  
Operative Surgery  
Medical School  
after April 1st  
1 Section

2-3  
Surgery Lecture

2-3  
Obstetrics Lecture

3:30-4:30  
Medical Clinic  
Washington Asylum  
Hospital  
1 Section

3-4  
Practice of Medicine  
Recitation

4-5  
Psychiatry Clinic  
St. Elizabeth's Hos-  
pital to December  
31st  
Entire Class

1-4  
Ophthalmology Lec-  
ture to February  
15th

3-3  
Medical Clinic  
University Hospital  
Entire Class

4-4  
Surgery Lecture

4-5  
Genito-Urinary  
Surgery Lecture

1-4  
Military Surgery Lec-  
ture February 15th  
to May 31st  
Entire Class

4-5  
Pediatric Case  
Teaching

## ANATOMY

GEORGE B. JENKINS, M. D. ....	Professor
JOHN KONSTANTIN BUTKIEWICZ, A. B., D. D. S. ....	Prof. of Histology
WILLIAM BINFORD KING, A. B. ....	Instructor
OTHMAR SOLNITZKY, Ph. D. ....	Instructor

The work in general anatomy is designed to cover the entire subject in such manner as to afford the student a practical working basis for his later studies in medicine and is so correlated and taught as to emphasize the value of relations and functions as well as that of structure.

While constant surveillance is maintained over the student body by the Division, individual work is encouraged and to those men who demonstrate especial fitness, opportunities for advanced work are offered. Research is encouraged and qualified students will be aided in every way possible.

Careful drawings of selected parts are required, frequent demonstrations are given and conferences are held by members of the Division.

The following courses are offered:

(1) *Gross Anatomy.*

This includes the careful dissection and study of the entire body during the first year, excepting the central nervous system. The study of the more difficult parts such as the special sense organs and Viscera is supplemented by the use of models and prepared specimens.

Osteology and Arthrology are studied during dissection, supplemented by a short laboratory course in the study and drawing of prepared specimens.

(2) *Microscopic Anatomy and Embryology.*

This includes normal Histology and Embryology and while these courses are taught separately, they are so correlated as to show the structural units of the body developmentally, their morphology and arrangement and their relations to each other and to other structural units in the construction of the tissues and organs so that this body study may constitute a proper basis for Gross Anatomy, Physiology, Pathology, and the clinical branches.

(3) *Neuro-Anatomy* is taught in the second year and consists of study, both gross and microscopic, of the central nervous system. Abundant material is provided and models, diagrams and lantern projections are freely used.

(4) *Topographical Anatomy* is given by a study-room course in drawing and studying prepared specimens, cross-section and other materials.



(5) *Clinical and Applied Anatomy (Elective).*

A series of demonstrations with study-room facilities is given to correlate the general anatomy of selected regions with the needs of the clinician.

SUBJECT	YEARS	HOURS	
		Totals Didactic and Lab.	Didactic not to exceed
Gross Anatomy _____	I	420	60
Neuro and Topographical Anat- omy _____	II	82	30
Histology and Embryology _____	I	288	60
		—790	—180

## PHYSIOLOGY

EARL C. FOLLETT, M. D. \_\_\_\_\_ *Professor*  
 JAMES H. DEFANDORF, M. A. \_\_\_\_\_ *Associate Professor*

The instruction in Physiology is by lectures, recitations, demonstrations, laboratory exercises and conferences.

The courses begin in the third trimester of the first year so that the student may early in his course in medicine be introduced to the functional viewpoint. He is taught to observe accurately, and to correlate the observed facts so that he may draw conclusions regarding the various functions of the body in health and as the basis upon which his knowledge of diseases is built. It is the policy of the department to show the student the relation of physiology to the interpretation of disease and to train him so that in later years he may be able to adapt the methods of investigation learned in the laboratory to the study of morbid conditions.

## COURSES 1 AND 1A FOR FIRST-YEAR STUDENTS—3D TRIMESTER

*Course 1.* Physiology lectures, recitations, written reviews, conferences, covering muscle, nerve, heart and circulatory system.

*Course 1a.* Experimental Physiology—muscle and nerve; demonstrations and experiments. Each student is required to keep records of his experiments and have the records checked before he leaves the laboratory for the day. The class is divided into groups of two for the experimental work.

## COURSES 2 AND 2A FOR SECOND-YEAR STUDENTS—FIRST AND SECOND TRIMESTERS

*Course 2.* The functions of the nervous system and special senses, of glands, digestive system, and respiratory system are considered by lectures, recitations and laboratory demonstrations and experiments.

*Course 2a. Experimental Physiology.* The experiments are selected to illustrate the fundamental principles of Physiology and familiarize the student with methods employed in Experimental Physiology and Medicine. The class is divided into groups of four for this work.

SUBJECT	YEARS	HOURS	
		Totals Didactic and Lab.	Didactic not to exceed
Physiology _____	I	90	30
Physiology _____	II	198	70
		—288	—100

### CHEMISTRY

RALPH EMERSON MYERS, M. A., M. D. \_\_\_\_\_ *Professor*  
 JOSEPH HYRAM ROE, M. A. \_\_\_\_\_ *Associate Professor*

1. *Organic Chemistry.*—The work in organic chemistry consists of lectures, laboratory work and recitations. The aim of the course is to give the student a fundamental knowledge of organic chemistry, and at the same time to emphasize those chemical compounds and reactions which he will be especially concerned with in physiological chemistry and pharmacology.

2. *Physical Chemistry.*—After the work in organic chemistry is completed, the remainder of the first trimester will be spent in a study of the more important phases of physical chemistry as viewed from a medical standpoint. Such subjects as radioactivity, properties of colloids, hydrogen ion concentration and the theory of indicators are especially emphasized. At this time the student is also taught how to make up standard solutions and how to standardize his apparatus, because it impresses upon him the value of accurate technique before he begins his work in physiological chemistry.

3. *Physiological Chemistry.*—The work of this course includes the study of the different classes of foodstuffs and of their digestion, absorption and assimilation; the nature of the various tissues of the body and of the composition of the different secretions. A large amount of time is devoted to milk and blood, and especially to urine, with the idea of making the student thoroughly acquainted with the normal metabolic processes of the body.

4. *Clinical Chemistry.*—The work of this course consists of lectures, laboratory work, conferences and demonstrations. Following a review of normal metabolism, the metabolic changes produced by various diseased conditions will be studied. The student performs the various laboratory tests which are used as aids in



diagnosis. As far as possible the laboratory studies in abnormal metabolism are made on patients in the hospital.

5. *Graduate Work*.—A course in clinical chemistry will be opened to a limited number of physicians who wish to become acquainted with recent advances in laboratory methods of diagnosis. Special work will be given to those who are prepared for it.

SUBJECT	YEARS	HOURS	
		Totals Didactic and Lab.	Didactic not to exceed
Chemistry _____	I	288	90
*Clinical Chemistry _____	III	48	12

### PHARMACOLOGY

EARL C. FOLLETT, M. D. \_\_\_\_\_ *Professor*  
JAMES HOLMES DEFANDORF, M. A. \_\_\_\_\_ *Associate Professor*

1. *Elementary Pharmacy and Principles of Prescription Writing*.—In this course the chemical and physical characteristics of the more important drugs are studied and pharmacopoeial preparations of the different pharmaceutical classes are prepared. The study of physical and chemical incompatibilities is carried on in close association with the above work.

While the elements of prescription writing are taught at this time, the student is drilled in the writing of simple prescriptions all through his course in pharmacology.

2. *Pharmacology*.—The course comprises lectures, laboratory work, conferences and written reviews, which follow the work in pharmacy. Special effort is made to correlate the work closely and to keep before the minds of the students the close association of pharmacology with physiology and chemistry. The experiments are selected to illustrate a wide range of pharmacologic actions, the more important drugs being studied in relation to their effect on different structures.

### THERAPEUTICS

BUCKNER MAGILL RANDOLPH, M. D. \_\_\_\_\_ *Professor*  
ELLIOTT M. CAMPBELL, M. D. \_\_\_\_\_ *Instructor*

(1) Systematic lectures and recitations on the physiological action of drugs and other remedial agents, their therapeutic use in disease; their modes of administration; and a review of their tox-

\* See also announcement under *Medicine*.

iology. (2) A review of the principles of prescription writing, with practical exercises by students in writing prescriptions in the metric system. (3) Lectures in applied therapeutics, devoted to the study of the application of remedial measures to morbid physiological and pathological states, as they occur clinically.

SUBJECT	YEARS	HOURS	
		Totals Didactic and Lab.	Didactic not to exceed
Pharmacology .....	II	162	60
Materia Medica and Toxicology.....	II	30	12
Therapeutics .....	III	64	64
		—252	—136

#### DIETETICS

FRANK ADELBERT HORNADAY, M. S., M. D.....*Professor*

A course of lectures and conferences on the physiology of nutrition and principles of feeding in health and disease.

Each student is required to make a thorough dietetic study of one or more cases, and to plan proper dietaries in such cases. Visits are made to Government food exhibits.

#### BACTERIOLOGY AND PATHOLOGY

OSCAR BENWOOD HUNTER, A. B., A. M., M. D.....*Professor*  
NOLAN VON CHARPENTIER LEWIS, M. D.

*Professor of Experimental Pathology*

EUGENE R. WHITMORE, M. D.....*Professor of Bacteriology*  
TOMAS CAJIGAS, M. S., M. D.....*Professor of Pathology*

#### BACTERIOLOGY

The didactic portion of the course in Bacteriology consists of a series of about thirty formal lectures in which the entire field of bacteriology, including immunology in its application to human medicine and welfare, is considered. The first few lectures are necessarily limited to the consideration of the general principles of the science after which the pathogenic microorganisms are discussed in a systematic sequence, with the theories of immunity treated of in appropriate places.

In the laboratory portion of the course which occupies about three-quarters of the total time devoted to the subject the students first prepare all the standard culture media and learn the general principles of bacteriologic technic from the study of about a dozen typical, widely different non-pathogenic organisms. Subsequently thirty-five to forty pathogenic bacteria are carefully examined



by microscopic, cultural and serologic methods. The students prepare as far as practicable such special media as are needed for this latter work. In addition to this systematic examination of characteristic organisms the students test the efficiency of the commonly employed germicides, prepare a vaccine, and in groups prepare agglutinating, hemolytic and other immune serums and use these as commonly employed in diagnosis. In connection with the preparation of culture media the principles of sterilization are covered. In the microscopic examination of bacteria the students are trained in the use of the high powers of the microscope, in the use of dark ground illumination, and are taught to make microscopic measurements.

During the course where occasion arises in connection with special cases of interest in the University Hospital or elsewhere unusual infections or rarely occurring processes of diagnosis, etc., are demonstrated. The routine bacteriologic and serologic work of the Hospital is done in the same laboratory where the students are working so that they have ample opportunity to observe the practical application of bacteriology.

### **PATHOLOGY**

In Pathology, the division of the course into laboratory and lecture teaching is followed, the amount of time devoted to each being about twice the corresponding time in Bacteriology. General pathology, covering inflammation, repair, degenerations, the effects of plant (including bacteria) and animal parasites on the body, the effect of chemical and physical agents, the formation of new growth, etc., is first considered. This is followed by the special pathology of the organs and of the specific diseases.

The laboratory work consists primarily in the histologic study of diseased tissues and neoplasms. About two hundred sections are stained and mounted and loaned to each student. These sections are carefully examined and studied by the student who makes colored pencil drawings of the characteristic lesions shown by them.

The microscopic study is supplemented by that of post-mortem material and that from the operating room and by specimens in the museum, thus affording a knowledge of gross morbid anatomy.

At St. Elizabeth's Hospital, under Dr. Lewis, students have an excellent opportunity for training in gross pathology and in the details of post-mortem technic from the autopsy through the preparation, sectioning, and staining of the tissues to be studied, to their final diagnosis and report.

## CLINICAL MICROSCOPY

In the course in Clinical Microscopy the student is trained in the counting of the red and the white blood cells, in the various methods of hemoglobin estimation, in differential leucocyte counting, in the study of malarial parasites, and such other parasites of the blood as opportunity affords, in the estimation of the coagulation time of the blood, etc., in the microscopic study of the sediments in normal and pathologic urines, in the microscopic examination of stomach contents, of the feces, including a detailed study of animal parasites and their eggs, in the microscopic examination of sputum, of spinal fluids, pleural exudates, etc., as material and opportunities afford. The significance and value of these findings as applied to pathology and diagnosis are considered.

SUBJECT	YEARS	HOURS	
		Totals Didactic and Lab.	Didactic not to exceed
Bacteriology .....	II	144	30
Pathology .....	II	320	60
Preventive Medicine and Hygiene...		84	32
		—548	—122
Clinical Microscopy .....		48	16

## MEDICINE

STERLING RUFFIN, M. D. ....	Professor
THOMAS ASH CLAYTOR, M. D. ....	Clinical Professor
EDWARD URBANE REED, M. D. ....	Professor of Tropical Medicine
T. LAWN THOMPSON, M. D. ....	Clinical Professor
HARRY S. BERNTON, M. D. ....	Professor of Medical Jurisprudence
FRANK LEECH, M. D. ....	Clinical Professor
FRANK ADELBERT HORNADAY, S. B., M. D. ....	Professor of Dietetics and Associate
THOMAS S. LEE, M. D. ....	Clinical Professor
COURSEN BAXTER CONKLIN, S. B., M. D. ....	Associate
WILLIAM JOHNSTON MALLORY, M. D. ....	Associate
THOMAS LINVILLE, M. D. ....	Clinical Associate
EVERETT MUNROE ELLISON, A. M., M. D. ....	Clinical Associate
GEORGE N. ACKER, 2nd, M. D. ....	Associate
WATSON W. ELDRIDGE, M. D. ....	Associate
ROBERT SAMUEL TRIMBLE, M. D. ....	Clinical Instructor
WILLIAM HOUSTON LITTLEPAGE, M. D. ....	Clinical Instructor
WILLIA DAVID TEWSBURY, M. D. ....	Clinical Instructor
CARROL E. BINGHAM M. D. ....	Instructor



ROBERT S. BEALE, M. D.	<i>Clinical Instructor</i>
RUSSELL K. HOLLINGSWORTH, M. D.	<i>Clinical Instructor</i>
F. AUGUSTUS REUTER, M. D.	<i>Clinical Instructor</i>
MAURICE A. SELINGER, M. D.	<i>Clinical Instructor</i>
JAMES H. HAWFIELD, M. D.	<i>Clinical Instructor</i>
WILLIAM B. SIMS, M. D.	<i>Clinical Instructor</i>
JAMES MINOR, M. D.	<i>Clinical Instructor</i>

Instruction in Medicine is so given as to conform to the most modern requirements. The work begins in the second year with a complete course in history-taking and normal physical diagnosis, and is continued through the third and fourth years. During the later two years the course consists of lectures, recitations, a study of case histories, clinical conferences, and practical work in the clinical laboratory and at the bedside.

The third-year class is divided into small sections, which are required to attend the daily dispensary service in the University Hospital, where they are drilled especially in history-taking and in the technique of practical physical diagnosis.

The fourth-year class is similarly divided into small sections, and these are required to attend ward clinics in the University Hospital, the Garfield Memorial Hospital, Children's Hospital, St. Elizabeth's Hospital, and the Tuberculosis Hospital of the District of Columbia.

The system of ward clinics to small groups of students affords a most effective method of studying disease and gives to every student an opportunity of following a large assortment of diseases from their commencement to the termination of their illness; in no other way is it possible to get a more practical knowledge of the methods of studying disease or a more intimate knowledge of disease itself.

Every patient in the medical wards of the University Hospital is assigned to one, or at most two, senior students, who are required (under proper supervision) to take the history, to make and record a complete physical examination, to determine after due study the nature of the illness (diagnosis), to outline a plan of treatment, and to make daily notes of the progress of the case.

A weekly amphitheatre clinic is given to third-year students in a body and a similar clinic to the fourth-year class. A series of clinics in neurology and psychiatry is provided for the senior class at the Saint Elizabeth's Hospital, where there is a great wealth of material (see announcement of psychiatry and Clinical Neurology).

SUBJECT	YEARS	Totals Didactic and Lab.	HOURS
			Didactic not to exceed
Medicine .....	II, III, IV		
General Medicine .....		510	152
*Clinical Microscopy .....		48	12
†Clinical Chemistry .....		48	12
Physical Diagnosis .....		80	40
Tropical Diseases .....		12	12
Dermatology and Syphilis.....		93	30
Nervous and Mental Diseases..		186	62
Pediatrics .....		165	62
Medical Jurisprudence .....		23	23
		—1165	—405

## TROPICAL MEDICINE

EDWARD URBANE REED, M. D.,

*Commander, Medical Corps, U. S. N., Professor*

The course in tropical diseases is similar to that given in the Army and Navy Medical Schools, and consists of didactic lectures, quizzes, and laboratory instruction, with particular reference to the parasitic, protozoal diseases common in the tropics and in the southern part of the United States.

## PSYCHIATRY AND CLINICAL NEUROLOGY

WILLIAM ALANSON WHITE, M. D., Superintendent of

Saint Elizabeth's Hospital ..... *Professor*JOSEPH D. STOUT, Ph. D. .... *Associate Professor*ROSCOE W. HALL, Ph. B., M. D. .... *Clinical Associate*DANIEL C. MAIN, M. D. .... *Clinical Associate*MARY O'MALLEY, M. D. .... *Instructor*

A series of lectures and clinics upon psychosis and neurology in various forms are given at Saint Elizabeth's Hospital which, with its more than three thousand beds, affords one of the largest clinics in this country.

## PEDIATRICS

GEORGE NICHOLAS ACKER, A. M., M. D. .... *Professor*HARRY HAMPTON DONNALLY, M. D. .... *Clinical Professor*EDGAR PASQUAL COPELAND, M. D. .... *Clinical Professor*CHARLES WHEATLEY, M. D. .... *Clinical Associate*

\* See also announcement under Bacteriology and Petrology.

† See also announcement under Chemistry.



Didactic and clinical lectures, bedside and dispensary clinics are given upon diseases of infants and children and the importance of the proper management of these diseases by diet and hygiene.

The children's clinic, at the Children's Hospital, affords ample material for practical teaching in this branch.

### PHYSICAL DIAGNOSIS

GEORGE N. ACKER, 2nd, M. D. \_\_\_\_\_ *Associate*

FRANK ADELBERT HORNADAY, S. B., M. D. \_\_\_\_\_ *Associate*

Instruction is given in the principles and methods of physical examination by means of recitations, section work or normal subjects, and with clinical cases which typically represent diseased conditions.

### HYGIENE

EUGENE G. NORTINGTON, M. D. \_\_\_\_\_ *Professor*

The course in Hygiene covers the basic principles and their practical application. Consideration is given also to domestic and municipal sanitation and to the principles underlying legislative control of public health.

SUBJECT	YEARS	HOURS	
		Totals Didactic and Clinical	Didactic not to exceed
Hygiene.....	II	32	32

### DERMATOLOGY

RANDOLPH BRYAN CARMICHAEL, M. D. \_\_\_\_\_ *Professor*

The lectures in this course will be principally clinical, supplemented by didactic lectures, illustrated by diagrams, models, and photographic illustrations of disease from life.

### MEDICAL JURISPRUDENCE

HARRY S. BERTON, M. D. \_\_\_\_\_ *Professor*

This course is designed to familiarize students with the rights and obligations of physicians, both legal and ethical, and to qualify them to apply the facts of medical science to the solution of problems in law.

### SURGERY

WILLIAM CLINE BORDEN, M. D. \_\_\_\_\_ *Professor*

LUTHER HALSEY REICHELDERFER, M. D. \_\_\_\_\_ *Clinical Professor*

THOMAS CHARLES MARTIN, M. D. \_\_\_\_\_ *Professor of Proctology*

HARRY HYLAND KERR, M. D. \_\_\_\_\_ *Clinical Professor*

JAMES F. MITCHELL, A. B., M. D.	<i>Clinical Professor</i>
CHARLES STANLEY WHITE, M. D.	<i>Associate Professor</i>
DANIEL LERAY BORDEN, A. M., M. D.	<i>Associate Professor</i>
HENRY W. KEARNEY, M. D.	<i>Professor of Anaesthesia</i>
CHARLES W. HYDE, M. D.	<i>Associate in Anaesthesia</i>
CLINE N. CHIPMAN, M. D.	<i>Associate in Anaesthesia</i>
EDWARD M. PARKER, M. D.	<i>Clinical Associate</i>
EDWARD J. HORGAN, M. D.	<i>Associate</i>
JOHN POTTS FILLEBROWN, M. D.	<i>Clinical Instructor</i>
HARRY SAMUEL LEWIS, M. D.	<i>Clinical Instructor</i>
WILLIAM BERRY MARBURY, M. D.	<i>Instructor</i>
GEORGE H. MORRIS, M. D.	<i>Clinical Instructor</i>
HERBERT H. SCHOENFELD, M. D.	<i>Clinical Instructor</i>
AUGUSTUS C. GRAY, M. D.	<i>Instructor</i>
PAUL S. PUTZKI, M. D.	<i>Instructor</i>
JAMES A. CAHILL, M. D.	<i>Clinical Instructor</i>
JACOB KOTZ, M. D.	<i>Clinical Instructor</i>
NATHAN SMILER, M. D.	<i>Clinical Instructor</i>
LYLE M. MASON, M. D.	<i>Clinical Instructor</i>

The principles of surgery are presented in a systematic course of lectures, so that the student may obtain a comprehensive and adequate concept of the science and art of surgery. The special divisions of surgery are taught by associates and instructors who have made specialties of these branches. The clinical material in the University Hospital and Dispensary, being under the control of the Faculty, is directly used throughout the course to illustrate the subjects taught and to familiarize the students with actual clinical conditions.

Surgical technique is taught by instruction in the preparation of materials used in antiseptic and aseptic surgery, the preparation of the patient, and the sterilization of instruments. Practical instruction is given in the Hospital and Dispensary in the application of splints, bandages, and dressings used in the various surgical diseases and injuries. Thorough instruction and practical demonstrations are given in the administration of anaesthetics.

Clinical teaching is carried on in the University Hospital and Dispensary, and in other hospitals of the city to which members of the Faculty are attached.

Ward clinics and bedside instruction are made a prominent part of the course. The classes are divided into sections, which are regularly assigned to clinical work in the University Hospital and Dispensary, and in other hospitals and dispensaries. Senior students are assigned in rotation to individual cases in the wards of the University Hospital.



Amphitheatre clinics are given, in which the general practice of surgical diagnosis and operative technique and therapeutic procedure are shown.

Practical work is required of each student in the preparation of dressings and sterilization of instruments. Each student is required to give, under instruction, at least six anaesthesias and to assist in at least six operations.

Thorough courses are given in operative surgery and proctology.

SUBJECT	YEARS	HOURS	
		Totals Didactic and Lab.	Didactic not to exceed
Surgery _____	II, III, IV		
General Surgery, including Minor Surgery, Military Surgery, Fractures and Anaesthesia _____		484	148
Roentgenology _____		36	14
Ophthalmology _____		60	18
Laryngology and Otology _____		56	28
Genito-Urinary Surgery _____		52	28
Orthopedics _____		57	24
		—745	—260

#### ORTHOPEDICS

CUSTIS LEE HALL, M. D. _____	<i>Professor</i>
AURELIUS RIVES SHANDS, M. D. _____	<i>Clinical Professor</i>
THOMAS MADDEN FOLEY, M. D. _____	<i>Clinical Professor</i>

A course of lectures and recitations on the etiology, pathology, course, termination and treatment of congenital and acquired diseases of the bones and joints, with clinical instruction in the operations for the relief and correction of deformities, and the use of special apparatus and plaster of Paris.

#### RADIOGRAPHY

ARTHUR C. CHRISTIE, M. D. _____	<i>Professor</i>
THOMAS A. GROOVER, M. D. _____	<i>Associate Professor</i>
EDWIN A. MERRITT, M. D. _____	<i>Associate</i>

A fully equipped X-ray laboratory is maintained in the University Hospital and Dispensary. Students of the third and fourth year classes are assigned in sections for instructions in the use of apparatus and the application of radiographs and fluoroscopic examinations to diagnosis.

## GENITO-URINARY DISEASES

FRANCIS RANDALL HAGNER, M. D. ....	<i>Professor</i>
ADAM KEMBLE, M. D. ....	<i>Associate</i>
HOMER GIFFORD FULLER, M. D. ....	<i>Clinical Instructor</i>
WILLIAM G. YOUNG, M. D. ....	<i>Clinical Instructor</i>
CHARLES O. KNOTT, M. D. ....	<i>Clinical Instructor</i>

A thorough course of instruction in genito-urinary diseases is given by lectures, recitations, section clinics, and bedside teaching.

## MILITARY SURGERY

— — — — —, M. D., Colonel, Med. Corps, U. S. A. ....	<i>Professor</i>
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The treatment of gunshot wounds with special reference to civil and military practice is given in a course of lectures and demonstrations, fully illustrated by lantern slides, X-ray photographs, and actual specimens.

The use of the new armaments in recent wars and the characteristic features of the wounds caused by them, as well as the treatment of gunshot wounds in peace and war are dealt with.

## OPHTHALMOLOGY

WILLIAM THORNWALL DAVIS, M. D. ....	<i>Professor</i>
DANIEL KERFOOT SHUTE, A. B., M. D. ....	<i>Clinical Professor</i>
EDWARD GRANT SEIBERT, M. D. ....	<i>Clinical Instructor</i>
EARL GRIFFITH BREEDING, A. B., M. S., M. D. ....	<i>Clinical Instructor</i>

A course of lectures is given on the elementary principles of this subject, together with special instruction in the anatomy and physiological action of the more intricate parts of the eye. It is not intended to qualify the student as a specialist, but to give him a knowledge of what every general practitioner ought to know. The course is supplemented by clinical instruction in the University Dispensary and in the Episcopal Eye, Ear and Throat Hospital.

## LARYNGOLOGY AND OTOTOLOGY

CHARLES WILLIAMSON RICHARDSON, M. D., Sc. D. ....	<i>Professor</i>
OSCAR ADDISON MACK MCKIMMIE, M. D. ....	<i>Clinical Professor</i>
EDWARD GRANT SEIBERT, M. D. ....	<i>Instructor</i>
ALBERT PERKINS TIBBETS, A. B., M. D. ....	<i>Clinical Instructor</i>
SAMUEL HARRISON GREENE, M. D. ....	<i>Clinical Instructor</i>
SAMUEL BOYCE POLE, M. D. ....	<i>Clinical Instructor</i>
EARL G. BREEDING, M. D. ....	<i>Clinical Instructor</i>
FREDERICK C. SCHREIBER, M. D. ....	<i>Clinical Instructor</i>
BOYCE R. BOLTON, M. D. ....	<i>Clinical Instructor</i>



The course comprises lectures and clinical instruction on diseases of the nasal passages, pharynx, larynx, and the ear. Practical demonstrations are given in the use of the laryngoscope and other instruments required in these special branches.

## OBSTETRICS

HURON WILLIS LAWSON, S. M., M. D.	Professor
WILLIAM SINCLAIR BOWEN, M. D.	Clinical Professor
CYRUS W. CULVER, M. D.	Associate
HOWARD FRANCIS KANE, A. B., M. D.	Associate

The course in obstetrics comprises lectures, recitations, laboratory demonstrations and clinical instruction and extends over the third and fourth years. The lectures serve to outline the subject-matter and the recitations insure careful preparation on the part of the student. Special laboratory studies dealing with anatomy, embryology and pathology in relation to obstetrics are conducted in the different laboratories concerned. Models, manikins and cadavers are utilized in teaching the mechanism of labor and obstetrical operations. Clinical instruction is given to the classes in small sections at different hospitals and in the out-patient obstetrical service. Beginning about the middle of the third year each student is given practical instruction in making antepartum examinations and observes the management of labor cases. During the fourth year he conducts, under the supervision of a paid instructor, twelve labor cases in the large and well-organized out-patient maternity service and submits written reports upon the cases attended.

SUBJECT	YEARS	HOURS	
		Total Didactic and Clinical	Didactic not to exceed
Obstetrics	III and IV	192†	64

## GYNECOLOGY

JOHN WESLEY BOVEE, M. D.	Professor
ALBERT LIVINGSTON STAVELY, M. D.	Clinical Professor
GIDEON BROWN MILLER, M. D.	Clinical Professor
ELIJAH WHITE TITUS, M. D.	Associate
VIRGIL B. JACKSON, M. D.	Clinical Instructor

Gynecology as taught in the third year comprises a course of lectures, text-book recitations and clinical instruction. In the

† The total number of clinic hours cannot be given, as each student is required to attend twelve cases, exclusive of the demonstration work and Ward and Dispensary Clinics above enumerated.

fourth year individual students are assigned to cases in the wards of the University Hospital, and the class is taken in sections of one or two students each into the Gynecological Dispensaries for clinical instruction in examinations, diagnosis, and treatment. In larger sections the class attends amphitheater and ward clinics given by the Professor of Gynecology and his assistants.

SUBJECT	YEARS	HOURS	
		Total Didactic and Clinical	Didactic not to exceed
Gynecology	III and IV	120	45

### ETHICS

The subject of ethics as given in the order of instruction will comprise didactic lectures on personal ethics in the first year and on medical ethics in the fourth year. Instruction will be given concerning personal hygiene, care of laboratory equipment, general conduct and adaptability for the profession.

### CLINICAL FACILITIES

The following hospitals are open to the students of this school for clinical study, and are extensively used for that purpose:

#### University Hospital and the University Dispensary

The Hospital and Dispensary are part of the educational equipment of the University. They are integral parts of the Medical School, are entirely controlled by the Faculty of Medicine, and are used primarily in instructing the students in clinical work. The Dispensary has a large out-patient service in all departments, to which several thousand visits are made annually.

The staff is composed of members of the Faculty of Medicine.

#### Garfield Memorial Hospital

Clinical instruction in medicine, including contagious diseases, surgery, gynecology and obstetrics.

#### Children's Hospital

Clinical instruction in pediatrics and general and orthopedic surgery.

#### Providence Hospital

Clinical instruction in medicine and surgery.



**Emergency Hospital and Central Dispensary**

Clinical instruction in medicine, surgery, particularly in emergency surgery, fractures and dislocations, dermatology and orthopedics.

**Columbian Hospital for Women**

Clinical instruction in obstetrics and gynecology.

**St. Elizabeth's Hospital**

This hospital is maintained by the United States Government. It has 4,000 beds.

Clinical instruction in mental and nervous diseases, medicine, Surgery and in post-mortem work and gross pathology.

The psychiatric clinic is one of the largest in the country.

**The Episcopal Eye, Ear, Nose, and Throat Hospital**

Clinical instruction in ophthalmology, otology, laryngology and rhinology.

**Casualty Hospital**

Instruction in emergency surgery and orthopedics.

**Tuberculosis Hospital**

Clinical instruction in tuberculosis, in all its phases, both medical and surgical.

**Washington Asylum Hospital**

Clinical instruction in medicine, particularly in chronic conditions.

**CLASSIFICATION AND ADVANCEMENT OF STUDENTS**

Students are divided into four classes, according to their proficiency and the time spent, viz: first year, second year, third year and fourth year.

*Proficiency* in all subjects is marked on a scale of 100. The passing grade in each subject is 75.

*Examinations* are held at the end of the course in each subject. Students who fail to appear at a regular examination will not be examined until the next regular examination except by special permission of the Advisory Committee of the Faculty. For special examinations, a fee of ten dollars will be charged for each subject.

A student who has failed in any subject shall not be advanced unless his case is especially meritorious and then only by authority of the Advisory Committee of the Faculty. A student who has failed in a subject may, in the discretion of the Advisory Com-

mittee, be required to make it up in the September examinations.

A student who fails of graduation, may if approved by the Advisory Committee, be re-examined for graduation in the September examinations.

A student allowed to take the September examinations either for graduation or advancement, will be required to take examinations in such subjects as the Advisory Committee may direct. For these examinations a fee of five dollars will be charged for each subject taken.

A student allowed to repeat a year will be required to take such subjects and such examinations as may be directed by the Advisory Committee.

A student who fails of advancement after repeating any one of the first three years or fails of graduation after repeating the final year will not be permitted to maintain his connection with the school.

#### REQUIREMENTS FOR GRADUATION

Every candidate for the degree of Doctor of Medicine must be at least twenty-one years of age and of reputable character. He must have complied with the admission and other requirements herein set forth. He must have attended at least 80 per cent of all required instruction during four sessions of 32 weeks each in four separate years; must have satisfactorily completed all his courses and passed all his examinations. He must be present at the time specified for the final examinations, and also at Commencement. The degree is not conferred in the absence of a candidate except by special consent of the President's Council. Graduates of other accredited colleges who desire degrees must spend one year in residence at this school.

Candidates who in their work and examinations attain general averages of 90 or more will be presented to the Faculty for consideration with reference to being designated as having graduated with distinction. If in the opinion of the Faculty such candidates have shown themselves to be possessed of more than ordinary merit, they will have inscribed upon their diplomas beneath their degree the words "with distinction."

#### PRIZES

A prize from the Ordranax Prize Endowment will be awarded to the student of the third, and the student of the fourth-year class who has the highest scholastic standing.



### HOSPITAL APPOINTMENTS

Interns are annually appointed in the University Hospital. Appointments to similar positions are open to graduates and undergraduates of this school in the following other hospitals of the city: Garfield Memorial Hospital; Emergency Hospital; Columbian Hospital for Women; Casualty Hospital; Providence Hospital; Washington Asylum Hospital; Children's Hospital; Episcopal Eye, Ear and Throat Hospital; Sibley Hospital, and Walter Reed U. S. Army General Hospital.

### UNIVERSITY MEDICAL SOCIETY

The George Washington University Medical Society was established in 1905 by a group of alumni. Its purpose is to cultivate closer friendly relations between the alumni and members of the faculty by means of social gatherings, to advance medical science by the presentation of essays, case reports and specimens for instruction and discussion, at its meetings, and to further the interest of the university in general. All alumni and members of the faculty are eligible for membership on election.

*Officers:* Dr. E. G. SEIBERT, *President*; Dr. C. N. CHIPMAN, *Vice-President*; Dr. J. T. MANN, *Secretary-Treasurer*.

Meets at the Medical School building on the third Saturday of each month from October to May.

Senior students are invited to attend the meetings of this society so allowing them the valuable opportunity of hearing the papers presented on medical subjects and becoming familiar with the conduct of medical societies.

### THE YOUNG MEN'S CHRISTIAN ASSOCIATION

The central building of this Association is situated within a short distance of the Medical School.

On application through the Dean, students non-resident of the District may become members, with full privileges, including gymnasium, shower baths, swimming pools, lockers, etc., at a special rate of ten dollars for the period of the school session.

Further information regarding the Association may be obtained by application to the Secretary, 1736 G St., N. W.

### MEDICAL CORPS UNIT—RESERVE OFFICERS' TRAINING CORPS, U. S. ARMY

A Medical Corps Unit (R. O. T. C.) is established in this school by authority of the Secretary of War and an Officer of the Medical Corps of the Army is detailed to the University for supervision and instruction of the students in the unit.

Membership in the unit is voluntary, is open to any physically fit, male student and such membership offers material advantages.

Any student who remains in the unit for the four years of his medical course receives in the last two years pay to the amount of \$409, or an average of \$17 per month. There are no military drills, the members of the unit are not under military restraint, no uniform is worn in the school and there is no obligation as to military service after graduation.

The instruction in the unit is divided into two courses of two years each, and consists of one hour per week of instruction in medico-military matters, additional to the regular hours of medical teaching.

Students who satisfactorily complete the first two years may, if they elect, enter the advanced course of two years during which they receive pay, are obligated to complete the course and to attend one summer camp of instruction for six weeks to which the student will receive travel pay of five cents per mile and return to his home and during which he will have all camp requirements provided, including uniform only worn in camp, other necessary articles, medical attention if necessary, and pay at the rate of \$30 per month—really giving a most enjoyable outing with pay.

While students are not in any way obligated to enter the unit, it is suggested that for the small obligation and time given, the instruction and pay received is well worthy of consideration.

#### MEDICAL SCHOOL FEES

Registration, payable on entrance.....	\$ 5.00
Registration, each subsequent year.....	2.00
Tuition each year.....	216.00
Material, first, second and third year, each.....	10.00
Breakage deposit, unused part returnable.....	10.00
Graduation fee .....	10.00

There is no charge for use of microscopes but students will be required to pay for injury to microscopes, apparatus and other college property. All breakage and loss not directly traceable to an individual student is assessed pro rata, and any unforfeited balance of the breakage deposit will be returned at the expiration of the course.

Persons not candidates for the degree of Doctor of Medicine who take courses in Histology, Embryology, Bacteriology, Pathology or Clinical Microscopy will be charged a fee of \$6.00 for the use of the microscope in each of these courses. Should such a student take more than one of the courses mentioned, in any one



school year, he will be charged a single fee of \$6.00 for microscope rental.

Students who elect to take the regular four-year course in five years will be required to pay the full tuition for the first four years and will receive the fifth year without additional charge.

Persons are allowed to register as auditors for the tuition fees without being required to take active part in the exercises or to pass examinations but no credit will be allowed for such attendance.

No registration will be accepted for less than a full year, and no change in the courses undertaken at the time of registration will be made unless approved by the Dean. Registration in the Medical School is for a period not to exceed one year at a time and acceptance by the School of a student's registration fee does not in any way obligate the School to accept that student for any subsequent year, and the right is reserved to drop any student from the School whenever in the interest of the student or the School the Advisory Committee of the Faculty deems it advisable to do so.

Registration, other fees and deposits are due in full in advance. Tuition may be paid in eight monthly instalments in advance. Students who are unable to pay their fees monthly in advance will be required to file an acceptable personal or corporate bond of \$200 as security for future payment. In every instance all indebtedness must be discharged on or before May 1 of the current school year. All fees are payable at the office of the Dean.

#### WITHDRAWALS

*Withdrawals will be granted only on recommendation of the Dean and the approval of the President.*

A certificate of work actually done will be given to any student granted a withdrawal or a transfer to another school during the session. A written request for withdrawal or transfer must be filed with the Dean and no permission to withdraw or transfer, and no certificate of work done will be given a student unless all fees and dues chargeable against him up to the end of the month in which he withdraws have been paid.

#### BOARD AND ROOMS

A register of boarding houses is kept by the Treasurer. Accommodations cost from \$30 to \$50 a month.

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Applicants are urged to secure from the schools and colleges attended, completely compiled, premedical credentials and forward

them for evaluation as long a time as possible before the opening of the Medical School in September.

While no standard form of statement is required, blank forms for enumerating credentials will be supplied if requested.

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For catalogues, application blanks, and further information,  
address

THE DEAN,

*Medical School,*

*The George Washington University,*

*1335 H Street N. W., Washington, D. C.*



## THE GEORGE WASHINGTON UNIVERSITY SCHOOL FOR NURSES

### ADMINISTRATIVE AND TEACHING PERSONNEL

HOWARD LINCOLN HODGKINS, Ph.D., Sc.D.,

*President of the University*

WILLIAM CLINE BORDEN, M. D.,

*Dean, Department of Medicine of the University and  
Chairman of the Executive Committee of the Hospital*

JOHN WESLEY BOVEE, M. D. *Gynecology*

CHARLES WILLIAMSON RICHARDSON, M. D. } *Ear, Nose and Throat*

OSCAR ADDISON MACK MCKIMMIE, M. D. } *Materia Medica*

HENRY KNOX CRAIG, M. D. *Dermatology*

RANDOLPH BRYAN CARMICHAEL, M. D. *Anatomy*

CYRUS W. CULVER, M. D. *Bacteriology*

OSCAR BENWOOD HUNTER, S. M., M. D. *Physiology*

HARRY KNOX CRAIG, M. D. *Pediatrics*

EDGAR PASQUAL COPELAND, M. D. *Surgery*

RUSSELL K. HOLLINGSWORTH, M. D. *Obstetrics*

HURON W. LAWSON, M. D. *Medicine*

THOMAS LINVILLE, M. D. *Contagious Diseases*

C. B. CONKLIN, M. D. *Bandaging*

TRUMAN ABBE, A. B., M. D. *Public Sanitation*

FRANK A. HORNADAY, M. D. *Orthopoeids*

CUSTIS L. HALL, M. D. *Eye*

WILLIAM T. DAVIS, M. D. *Anaesthesia*

HENRY W. KEARNEY, M. D.

B. B. THOMPSON, R. N.,

*Superintendent of Nurses and Principal of School for Nurses*

LUCY LAMON, R. N. *Asst. Superintendent of Nurses*

ELFRIDA LUNDIN, R. N. *Supervisor of Obstetrical Department*

MYRTLE INCH, R. N. *Supervisor of Operating Room*

MILDRED K. BEALL *Night Supervisor*

EDITH ALLEN *Instructor in Dietetics*

THELMA MELTON, R. N. *Instructor*

KATE EDMUNDS *Housekeeper*

CAROLYNE MCKIM CHAPMAN, R. N. *Instructor in Massage*

MRS. O. F. HUMPHRIES *Matron, Nurses' Home*

PAUL SYLVESTER, Reg. Phar. *Pharmacy*

JOHN BRUCE COPPING *Superintendent*

## HOSPITAL

The George Washington University Hospital is a general hospital located in the central part of the city, and connected with it is a Dispensary having a large out-patient service, so that the Institution affords a thorough and practical experience in medical, surgical, gynecological, obstetrical and emergency nursing and the administration work incident to a hospital.

The Staff of the George Washington University Hospital are all members of the Faculty of Medicine of the University Medical School, and the nurses receive the benefit arising from instruction and nursing cases under these trained instructors.

## ADVANTAGES

Nurses in training in this Institution have the unusual advantages incident to University association, are carried as students in the University and as such participate in the commencement exercises. The class-rooms and laboratory equipment of the University Medical School, which adjoins the hospital, are used by the student nurses for class work.

The city of Washington being the Capital of the United States is especially attractive as a place of residence during the educational period of a young woman's life. There are more schools for young women in the city than in any other of its size in this country.

The cosmopolitan character of the city of Washington, its climate (not excessively cold in winter), its beauty, and its interests, which, as it is the seat of the General Government, are broad and national, make it an ideal place in which to pass three years of study.

## NURSES' HOME

The Nurses' Home with a resident matron is located at 1016 13th Street N. W., a short distance from the Hospital, and furnishes the nurses excellent and adequate accommodations.

## BOARD OF LADY MANAGERS

Since the establishing of the Hospital and School for Nurses, both these Institutions have been very materially assisted by a most efficient Board of Lady Managers. This Board has worked most energetically in the interest of both the Hospital and School, and by personal endeavor and financial assistance has done much to improve these Institutions.



## REQUIREMENTS FOR ADMISSION

Candidates must apply personally or by letter to the Superintendent of Nurses upon blank forms provided therefor. Applicants must not be less than 18 nor over 30 years of age. They must be in good physical condition and present satisfactory evidence of their preliminary educational qualifications. Graduation from a grammar school two years' work in a high school or academy or its equivalent are necessary. Approved applicants will be taken for a probationary period of four months as vacancies may occur. Such probationers as are deemed acceptable candidates for the nursing profession, at the expiration of their probationary period, upon subscribing to the requirements of the school, will be accepted as pupil nurses.

## COURSE OF INSTRUCTION

The course of training (including the probationary period) covers three years and comprises theoretical and practical instruction.

Theoretical instruction is given by the members of the Faculty of Medicine of the University Medical School, and by the Principal of the School for Nurses and a graduate nurse Instructress. Practical instruction is given by demonstrations and clinics in the wards, conducted by the instructresses of the School for Nurses. By affiliation, pupils are given instruction in eye, ear, nose and throat work at the Episcopal Hospital, and Children's diseases, at The Children's Hospital, both in this city.

## ORDER OF THEORETICAL INSTRUCTION FOR STUDENT NURSES

*Preliminary Course (Four Months)*

Anatomy and Physiology	Ethics
Bacteriology and Hygiene	Charting
Materia Medica	Demonstrations of Nursing
Practical Nursing	Procedures
Household Economy	

*Junior Year*

Anatomy and Physiology	Chemistry	Medical Nursing
Hygiene	Dosage and Solutions	Bandaging
Bacteriology	Materia Medica	Nursing Technic
	Surgical Diseases	Nursing Ethics

## NURSES' SCHOOL

*Intermediate Year*

Anatomy and Physiology	Communicable Diseases
Materia Medica	Nursing Ethics
Dosage and Solutions	History of Nursing
Gynecology	Demonstrations in Operating
Pathology and Urinalysis	Room Technic
Massage	Obstetrics

*Senior Year*

Obstetrics	Special Senses
Pediatrics	Skin and Venereal Diseases
Orthopedics	Diet and Disease
Nervous and Mental Diseases	Special Vocational Lectures
Psychology	Training School, Administration

Dietetics for the sick, including (a) twelve lessons in cooking with a competent diet teacher; (b) food values, and feeding in special cases, to be taught in classes and not in lectures.

A thorough course of theoretical instruction in contagious nursing where practical experience is impossible.

## REGULATIONS

I. Probationers, when admitted to the school, will require the following outfit: *Uniform*. 3 uniform dresses, 12 uniform aprons, 1 dozen pairs uniform cuffs, 1 dozen uniform collars, 2 striped underskirts, 2 laundry bags, 1 watch with second hand, 4 sets plain underclothing, 1 pair rubbers, 2 pairs of black shoes with rubber heels, 1 kimono.

II. When probationers are accepted into the school as student nurses, an equipment of scissors, hypodermic syringe, thermometer and necessary text books will be given them and charged to their account.

III. To insure uniformity and economy the uniform must be secured through the Superintendent of Nurses, and no nurse will be allowed to go on duty until her outfit has been inspected and found to comply with the requirements of the school.

IV. All articles of clothing must be plainly made and marked with name in full.

V. Jewelry is not allowed to be worn on duty, and if of any value is better left at home. If brought, it will be at the risk of the owner. Watches are to be worn on black ribbon around neck, under bib.



If she is not able to pay for her uniform, it will be furnished her by the hospital and one-half her monthly pay will be retained until the cost of the articles furnished is defrayed. All articles furnished by the hospital will belong to the hospital until paid for.

VI. Two hours are allowed week days for rest, study and recreation, also one-half day after 1 p. m. each week (except week in which the entire day is given) one-half day on Sunday, and one entire day each month.

VII. A vacation of two weeks is allowed each year.

VIII. A pupil nurse may be dismissed at any time if there is sufficient cause for such action, but no dismissal shall be made without the approval of the President of the University.

#### REMUNERATION

Their education is regarded as compensation for the nurses' services; however, each nurse receives professional instruction, home, board, laundry and medical care, besides a salary of \$12 per month (including the probation period) and an additional \$108 (\$3.00 per month) paid at the expiration of the three years' course.

#### DIRECTORY FOR NURSES

A general directory for Graduate Nurses was established in connection with the School for Nurses and Hospital during the first year in which the School was in operation. The object of this directory is to afford a means to physicians and patients of securing with the least loss of time the services of nurses who have graduated from our School for Nurses. The directory is under the supervision of the Executive Committee of the Faculty of Medicine and under the direct charge of the Superintendent of Nurses.

## GEORGE WASHINGTON UNIVERSITY SCHOOL OF PHARMACY

HOWARD LINCOLN HODGKINS, Ph.D., Sc.D.,  
*President of the University*  
HENRY E. KALUSOWSKI, M.D., Phar.D.,  
*Dean of the School of Pharmacy, Professor of Pharmacy*

### OFFICERS OF THE NATIONAL COLLEGE OF PHARMACY

HOWARD LINCOLN HODGKINS, Ph.D., Sc.D.,  
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HENRY E. KALUSOWSKI, M.D., Phar.D.,  
*Dean and Chairman of the College*  
LEWIS FLEMER, Phar.D. *Vice-Chairman of the College*  
CHARLES B. CAMPBELL, Phar.D., M.D. *Secretary of the College*  
HERBERT C. EASTERDAY, Phar.D. *Treasurer of the College*

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 HARVEY W. WILEY (honorary)

## SUBJECTS OF INSTRUCTION

<i>Subject</i>	<i>Year</i>
Pharmacy .....	First, second, third, and fourth year
Chemistry .....	First, second, third, and fourth year
English .....	First year
French .....	Elect one..... First year
German .....	
Spanish .....	
Zoology .....	First year
Psychology and Logic .....	First year
Physics .....	First year
Botany .....	Second year
Physiology .....	Second year
Materia Medica .....	Third year
Pharmacology .....	Third year
Pharmacognosy .....	Second year
Bacteriology .....	Third year
Clinical Microscopy .....	Third year
Public Health and Hygiene .....	Fourth year
Mercantile Pharmacy .....	Fourth year

## GENERAL STATEMENT

The fifty-first annual session of the George Washington School of Pharmacy will commence Wednesday, September 27th, 1922.

The course of instruction covers four scholastic years of thirty-two weeks, leading to the degree of Bachelor of Science in Pharmacy.

The entrance requirements and class instruction are on the same basis as required in other schools of the University, that is, fifteen units.

All work offered in the School of Pharmacy meets the highest requirements of pharmaceutical instruction. Its aim is to train pharmacists so as to enable them to intelligently and efficiently perform any work that may be required from a pharmacist with scientific training. The equipment, methods of instruction and courses are arranged to attain the object of its aim, the close association of the College of Pharmacy with the George Washington University by which students in pharmacy share all the advantages and enjoy the spirit of a great educational establishment is in itself an incentive to prepare themselves to meet the requirements of the trend of pharmaceutical education.

Instruction will be given during the day.

The degree of Bachelor of Science in Pharmacy will be conferred on students who have attended the required course of instruction and pass satisfactory examinations in the same.

#### CLASSIFICATION AND ADVANCEMENT OF STUDENTS

Students are divided into four classes, according to their proficiency and the time spent, viz: first year, second year, third year, and fourth year.

*Proficiency* in all subjects is marked on a scale of 100. The passing grade in each subject is 75.

*Examinations* are held at the end of the course in each subject. Students who fail to appear at a regular examination will not be examined until the next regular examination except by special permission of the Advisory Committee of the Faculty. For special examinations, a fee of \$5 will be charged for each subject.

To be *advanced*, a student must not fail in more than one major or two minor subjects. It is recommended that students advanced conditioned remove their conditions in the September examinations. Students advanced conditioned must remove all such conditions before they can be again advanced.

Students who fail in more than one major or two minor subjects, will not be given re-examinations in the September examinations except by special permission of the Advisory Committee of the Faculty.

Students who fail of graduation because of deficiency in but one major or two minors, if approved by the Advisory Committee of the Faculty, may be re-examined in the September examinations for graduation. Students who are allowed this privilege will be required to take such examinations as the Advisory Committee may direct.

Students who fail of advancement or graduation will be required to repeat a year, taking such subjects as may be directed by the Advisory Committee of the Faculty.

Students who fail of advancement after repeating any one of the first three years or who fail of graduation after repeating the final year, will not be permitted to maintain their connection with the school.

#### REQUIREMENTS FOR GRADUATION

Every candidate for the degree of Bachelor of Science in Pharmacy must be at least twenty-one years of age and of reputable character. He must have complied with the admission and other requirements herein set forth. He must have attended at least 80 per cent of all required instruction during four sessions of 32 weeks each in four separate years; must have satisfactorily completed all his courses and passed all his examinations. He must be present at the time specified for the final examinations, and also at Commencement. The degree is not conferred in the absence of a candidate except by special consent of the President's Council. Graduates of other accredited colleges who desire the degree of Bachelor of Science in Pharmacy must spend one year in residence at this school.

Candidates who in their work and examinations attain general averages of 90 or more will be presented to the Faculty for consid-



eration with reference to being designated as "having graduated with distinction." If in the opinion of the Faculty such candidates have shown themselves to be possessed of more than ordinary merit, they will have inscribed upon their diplomas beneath their degree the words "with distinction."

#### TEXTBOOKS

The following textbooks are used in the course in Pharmacy: U. S. Pharmacopœia; Practice of Pharmacy, Remington; Treatise on Pharmacy, Caspari.

#### STUDENT ACTIVITIES

Student activities in the University are carried on under the direction of a Board of Managers, acting under resolutions adopted by the Board of Trustees. Student Activities, including athletics, debating, and the various student publications, are supported by a voluntary tax to which all students in the University are invited to subscribe. This tax not only admits the subscriber to athletic contests and entitles him to copies of the publications, but also provides for free medical attention and hospital service under certain conditions. This tax is payable like other University fees, at the office of the Treasurer of the University.

#### FEES AND CONTINGENT EXPENSES

Registration fee, payable on entrance.....	\$5
Registration fee, each subsequent year.....	2
Reinstatement fee .....	2
Tuition each year .....	180
Graduation fee .....	10
Material fee and breakage for Chemistry.....	10
Material fee for Physics.....	10
Materials and Microscope for Zoology.....	10
Materials and breakage for Pharmacy.....	10

This includes all laboratory fees and charges for material used in Chemistry and practical Pharmacy. Students will, however, be required to pay all charges for injury to microscopes, apparatus and other college property.

All breakage and loss not directly traceable to the individual student is assessed pro rata; any unforfeited balance will be returned to the student at the expiration of the course.

Persons not candidates for the degree of Bachelor of Science in Pharmacy who take courses in Bacteriology or Clinical Microscopy will be charged a fee of \$6 for the use of the microscope in each of these courses. Should such a student take more than one of the courses mentioned, in any one school year, he will be charged a single fee of \$6 for microscope rental.

Students who elect to take the regular four year course in five years will be required to pay the full tuition for the first four years and will receive the fifth year without additional charge.

Persons are allowed to register as auditors for the tuition fees without being required to take active part in the exercises or to pass examinations but no credit will be allowed for such attendance.

No registration will be accepted for less than a full half-year, and no change in the courses undertaken at the time of registration

will be made unless approved by the Dean. Registration in the Pharmacy School is for a period not to exceed one year at a time and acceptance by the School of a student's registration fee does not in any way obligate the School to accept that student for any subsequent year.

Registration, other fees and deposits are due in full advance. Tuition may be paid in eight monthly installments in advance. Students who are unable to pay their fees monthly in advance will be required to file an acceptable personal or corporate bond of \$200 as security for future payment. In every instance all indebtedness must be discharged on or before May 1 of the current school year. All fees are payable at the office of the Treasurer.

#### WITHDRAWALS

*Withdrawals will be granted only on recommendation of the Dean and the approval of the President.*

A certificate of work actually done will be given to any student granted a withdrawal or a transfer to another school during the session. A written request for withdrawal or transfer must be filed with the Dean and no permission to withdraw or transfer, and no certificate of work done will be given a student unless all fees and dues chargeable against him up to the end of the month in which he withdraws have been paid.

#### BOARD AND ROOMS

A register of boarding houses is kept by the Treasurer. Accommodations cost from \$30 to \$50 a month.

For catalogues, application blanks, and further information, address

THE DEAN,  
School of Pharmacy,  
The George Washington University,  
808 Eye Street N. W., Washington, D. C.



## LAW SCHOOL

### FACULTY

HOWARD LINCOLN HODGKINS, Ph.D., Sc.D.	<i>President of the University</i>
MERTON LEROY FERSON, A.M., LL.B.	<i>Dean and Professor of Law</i>
WALTER COLLINS CLEPHANE, LL.M.	<i>Professor of Law</i>
EDWIN CHARLES BRANDENBURG, LL.M.	<i>Professor of Law</i>
ARTHUR PETER, LL.B.	<i>Professor of Law</i>
JOHN PAUL EARNEST, A.M., LL.M.	<i>Professor of Law</i>
JOHN WILMER LATIMER, LL.B.	<i>Professor of Law</i>
WENDELL PHILLIPPS STAFFORD, A.M., LL.D., Litt.D.,	<i>Professor of Law</i>
WILLIAM CABELL VAN VLECK, A.B., LL.B., S.J.D.,	<i>Professor of Law</i>
CHARLES SAGER COLLIER, A.B., LL.B.	<i>Professor of Law</i>
HENRY WHITE EDGERTON, A.B., LL.B.	<i>Professor of Law</i>
LOYD HALL SUTTON, S.B., LL.B.	<i>Associate Professor of Law</i>
JOHN MONTEITH MCFALL, A.M., LL.B.	<i>Assistant Professor of Law</i>
HECTOR GALLOWAY SPAULDING, A.B., LL.B.,	<i>Assistant Professor of Law</i>
THOMAS CLAFFEY LAVERY, LL.B.	<i>Assistant Professor of Law</i>
CLARENCE MILTON UPDEGRAFF, LL.B.	<i>Assistant Professor of Law</i>
LEVI RUSSELL ALDEN, A.M., LL.B.	<i>Lecturer in Law</i>
GILBERT LEWIS HALL, A.B., LL.B.	<i>Lecturer in Law</i>
FRANK SEYMOUR SMITH, A.B., LL.M.	<i>Lecturer in Law</i>
SPENCER GORDON, A.B., LL.B.	<i>Lecturer in Law</i>
CHARLES EDWARD HILL, Ph.D.	<i>Lecturer in Law</i>
JOHN WILLIAM TOWNSEND, LL.M.	<i>Lecturer in Law</i>
CHARLES FRANKHAM, A.M., LL.M., D.C.L.	<i>Lecturer in Law</i>
FRED C. O'CONNELL, LL.M.	<i>Clerk of the Moot Court</i>
JOSEPH ABNER JORDAN	<i>Secretary</i>

### MOOT COURT OF APPEALS

MARTIN AUGUSTINE KNAPP, A.M., LL.M.	<i>Chief Justice</i>
STANTON JUDKINS PEELE, LL.B.	<i>Associate Justice</i>
BRAINARD WARNER PARKER, LL.B.	<i>Associate Justice</i>

### LIBRARY

EMANUEL MAURICE DAVIDOVE	<i>Librarian</i>
KATHLEEN DUGGAN	<i>Assistant Librarian</i>
CLINTON FISKE STANLEY, A.B.	<i>Assistant Librarian</i>
WILLIAM KENYON LLOYD	<i>Assistant Librarian</i>

## GENERAL STATEMENT

*History.*—The Law School, established in 1865, is the oldest in the city of Washington. Its course of instruction for the degree of Bachelor of Laws, originally requiring two years, was increased in 1898 to three years. A year of graduate work was added in 1877 leading to the degree of Master of Laws. The curriculum has since been increased by a course of study leading to the degree of Master of Patent Law.

*Member of Association of American Law Schools.*—The Law School was one of the group of law schools which in 1900 organized the Association of American Law Schools and it has remained a member of the Association since that time. This Association includes fifty-three of the most progressive law schools of the country and is committed to the policy of advancement in legal education. As this school maintains the standards of the Association, work certified by it is given a maximum of credit by other law schools of the country. This enables students who are unable to complete their studies in Washington to continue them at other institutions with a minimum loss of time and work.

*Purpose of Course.*—The School aims to give a thorough legal training to students whose education and maturity fit them to pursue serious professional study. Nearly sixty per cent of its students have had some college training and their average age is over twenty-five years. A preliminary course in liberal arts is encouraged and the University permits the first year of law work to be counted as the fourth year of college work for the degree of Bachelor of Arts, thus enabling students to obtain both the academic and professional degrees in six years. (*See Degrees.*)

*Method of Instruction.*—The method of instruction followed is designed to teach correct modes of legal study, to train the mind in legal reasoning, and to give a thorough grasp of fundamental legal principles. The student studies leading cases—the earlier cases which establish a principle, the later cases which show its qualifications. This study is supplemented by class-room discussion and instruction. Thus while the student is being trained to analyze and to discriminate, he at the same time masters the principles of law, sees the reasons on which they are based, and observes the influence on their development of successive political, economic, and social theories. The method is most practical. The student has always before him actual problems and their solution by the ablest judges of England and America. He begins under his teacher's guidance the work he must do when he enters practice. In no other way can the future lawyer acquire such power to solve the new



problems arising from the rapidly changing social and economic conditions of life.

"The only way to clarify and simplify our law as a whole is to reach the lawyer in the making and mold his habits of thought by adequate instruction and training so that when he comes to the Bar he will have learned to think not merely in terms of law but in terms of jurisprudence. The living principle of the case system of instruction in our law schools is that the student is required by a truly scientific method of induction to extract the principle from the decision and continually to state and restate for himself a system of law evolved from its history. He is thus preparing not merely to accept formally dogmatic statements of principles but to receive and assimilate and make his own the systematic thought and learning of the world in the science of jurisprudence. With a Bar subjected generally to that process of instruction, the more general systematic study of jurisprudence would follow naturally and inevitably, and the influence of that study would be universal; and from that condition would evolve naturally the systematic restatement of our law, by men equal to that great work."\*

This inductive case system is the antithesis of the lecture and illustrative case method which is often mistaken for it. The case method is now used in over ninety per cent of the schools in the Association of American Law Schools.

The substantive law is taught almost wholly by professional teachers employing the case method and giving all their time to the school; the practice courses are conducted by lawyers in active practice and by judges.

*Scope of Course.*—The course of study is not local in its scope but constitutes a thorough preparation for the practice of law in any English speaking jurisdiction. It satisfies the professional study required for admission to the Bar examinations of the District of Columbia and all other jurisdictions of the United States. The school has conferred over 3,300 degrees, and its graduates are now practicing in every state of the Union, and in foreign countries.

#### ADVANTAGES OF WASHINGTON FOR THE STUDY OF LAW

The city of Washington has unusual attractions for students and particularly for students of law. It lies between the North and the South. It is a residential city of rare beauty, and its population is drawn from all over the United States. The library facilities of the city, both general and legal, are unexcelled. It is unique

\* From the address of Hon. Elihu Root, President of the American Bar Association, August, 1916.

in the extent of its legal machinery. It is the seat of Congress, the Supreme Court of the United States, the Department of Justice, the United States Court of Claims, the United States Court of Customs Appeals, and of the District of Columbia Court of Appeals, Supreme Court, and Municipal Court, which exercise the dual function of state and federal courts. The various Executive Departments, including the Federal Trade Commission, the Interstate Commerce Commission, the Internal Revenue Bureau and other legal bureaus of the Federal Government, are also located in Washington.

#### LOCATION

The Law School occupies its own building at 1435 K Street, N. W., and is easily accessible from all parts of the city. The building, which was formerly occupied by the Department of Justice, was purchased in 1920 and remodeled to fit the needs of the Law School. It has nine class rooms with a seating capacity of about 1,100 students, seven professors' offices besides the business office, a large, well-lighted library, and two rest rooms. Four class rooms are arranged and furnished as moot courts.

#### LIBRARY

A working library comprising more than 9,000 volumes is open to students from 9 a. m. to 11 p. m. during week days, and 2 to 6 p. m. Sundays.

The library contains the complete decisions of the highest courts of all the states and the District of Columbia, the complete reports of the United States Supreme Court and the other federal courts, the complete National Reporter System, the Century, Decennial, Key number and United States Supreme Court Digests, various encyclopedias of law, the Lawyers Reports Annotated, the American Decisions, American Reports, American State Reports, and American Law Reports, the English Common Law and Chancery Reports, the English Reprint, the English Law Reports and Law Journal Reports since 1865, and about 600 standard text books and legal periodicals.

In addition to these facilities the students have free access to the Congressional Library and other public libraries.

#### ACADEMIC YEAR AND REGISTRATION

The academic year 1922-23 begins Wednesday, September 27, and closes Wednesday, June 6. The year is divided into two half-years, the second beginning January 29. The course is so arranged that a student may enter the second half-year and be graduated three



years from that time, receiving his degree at the Winter Convocation held on or about February 22 of each year.

Students are urged to register at the beginning of the half-year. Those who register later than three weeks after the opening of the half-year will be restricted to registration for such work only as in the opinion of the faculty they can successfully carry.

### HOURS OF INSTRUCTION

The hours of instruction are 7:50-8:40 a. m., 9:00-10:50 a. m., and 5:10-6:50 p. m. A student can, if he so desires, confine his work either to the forenoon or to the afternoon and graduate in three years. Students who desire, or are compelled by circumstances, to support themselves by employment in the Government Service or elsewhere, or who desire to obtain practical experience in an attorney's office in addition to their work in law school, will find this arrangement of hours especially desirable. Such students may complete the full course for the degree, confining their attendance entirely from 5:10-6:50 p. m. or attending partly from 7:50-8:40 a. m. and partly from 5:10-6:50 p. m. Subjects offered from 7:50-8:40 a. m. are elective courses open to second and third year students.

### ADMISSION

Both men and women are admitted to the Law School on the same terms.

I. *For the Degree of Bachelor of Laws.*—The requirements for admission to the course leading to the degree of Bachelor of Laws may be satisfied in either of the following ways:

a. By presenting a diploma or filing a certificate from an approved College or University showing the successful completion therein of at least two years of work.

b. Prior to September 1, 1925, by filing a certificate from an approved College or University showing the successful completion therein of at least one year of work.

c. For the school year of 1922-23 and until September 1, 1923, the requirements for admission may be satisfied by the presentation of certificates from a college or university, or from an approved high school or preparatory school, showing the successful completion of at least fifteen high school units, which are broadly equivalent to a four-year high school course. A unit represents approximately one year of study of a major subject in a high school. Applicants qualifying for admission under this requirement must be at least eighteen years of age. Those presenting high school credits only should have them certified on the blank

forms which they may obtain from the Secretary of the Law School.

The fifteen units may be made up from the following subjects:  
(The Roman numerals indicate the year of study in the subject.)

<i>Subjects</i>	<i>Units</i>
English, I, II, III, IV	4
Latin, Elementary, I, II	2
Advanced, III, IV	2
Greek, Elementary, I, II	2
Advanced, III	1
French, Elementary, I, II	2
Advanced, III, IV	2
German, Elementary, I, II	2
Advanced, III, IV	2
Spanish, Elementary, I, II	2
History, Ancient	1
Mediaeval and Modern European	1
English	1
American	1
Mathematics	
Algebra, Elementary and Intermediate	1½
Advanced	½
Geometry, Plane	1
Solid	½
Plane Trigonometry	½
Science	
Physics	1
Chemistry	1
Physiography	1
Biology	1
Botany	½
Zoology	½
Physiology	½
Psychology	½
Political Economy	½
Civil Government	½
Commercial High School Subjects	
Accounting and Finance	1
Bookkeeping	1
Business Organization	1
Commercial Law	1
Commercial History	½
Commercial Geography	½
Government and Industrial Problems	1



II. *For the Degree of Master of Laws or Master of Patent Law.*—Candidates for these degrees must be at least twenty-one years of age and hold the degree of Bachelor of Laws from an institution substantially complying with the requirements of the Association of American Law Schools.

III. *As Special Students.*—Persons who can not qualify as candidates for a degree but are over twenty-one years of age and have had such educational training and practical experience as should enable them to pursue satisfactorily the study of law, may be admitted as special students by consent of the Dean.

### ADVANCED STANDING

Students from other law schools which substantially comply with the requirements of the Association of American Law Schools may receive equivalent credit, not exceeding two years' work. Such students must have been qualified to enter this school when they began the study of law. The right is reserved to refuse such credit, in whole or part, save conditionally or after examination, and credit given may be withdrawn for subsequent poor work.

Applicants of whom examination may be required, can take the regular examinations or those held at the beginning of each academic year. (See *Examinations*.)

No credit will be given for studies pursued in a college or high school before entering on the regular study of law, or for law studies pursued in a law office or through a correspondence course.

### SUBJECTS OF INSTRUCTION

The course of instruction extends through a period of at least three academic years. For the degree of Bachelor of Laws twelve hours class work a week are necessary to complete the course in three years. Ten hours a week for a year in subjects not counted towards the Bachelor's degree are required for the degree of Master of Laws or Master of Patent Law. (See *Degrees*.)

The subjects marked with an asterisk are prescribed for the degree of Bachelor of Laws. The student may elect the remainder of his subjects. Third-year students may elect subjects of the second year not previously studied. The selection of the subjects must be made in all cases within ten days after the beginning of the half-year.

Students devoting their whole time to the study of law may, with the permission of the Dean, take work not exceeding fifteen hours a week. Excess credits may be applied toward the degree of Master of Laws or Master of Patent Law. Students with substantial outside employment may not register for more than twelve

hours and are urged to carry less, and to devote more than three years to the course.

### FIRST YEAR SUBJECTS

(The schedule of classes for the academic year 1922-23 will not be ready for distribution until after September 1, 1922. The following is a list of subjects offered during 1921-22, and is not an announcement of courses for 1922-23, although few changes are anticipated. Text books and instructors may be changed in some instances.)

\*CIVIL PROCEDURE. *Two hours a week for one-half year.* The steps in a law suit; venue; process; appearance; form of action at Common Law and under modern code and practice acts; trial; judgments. *Scott's Cases on Civil Procedure.* MR. LAVERY and MR. VAN VLECK.

\*CONTRACTS. *Three hours a week throughout year.* Simple contracts: offer, duration and termination thereof, acceptance, consideration; contracts under seal, including thereunder formalities of execution, delivery and consideration; parties affected by contracts: beneficiaries, assignees, joint obligors and obligees; performance of contracts: express and implied conditions, impossibility. *Williston's Cases on Contracts.* MR. FERSON and MR. TOWNSEND.

CRIMINAL LAW AND PROCEDURE. *Three hours a week for one half-year.* Sources of the criminal law; intent and act; attempts; insanity as a defense; historical development of crimes and statutory changes. The arrest; bail; the grand jury; the indictment; trial; pleas; modification of early practice, and statutory changes. *Mikell's Cases on Criminal Law and Procedure.* MR. EARNEST.

\*EQUITY I. *Two hours a week for one half-year.* The nature and underlying principles of equity. Specific reparation and prevention of torts. *Ames' Cases on Equity Jurisdiction, Volume I.* MR. SPAULDING.

\*PERSONAL PROPERTY. *Three hours a week for one half-year.* Distinction between personal and real property; nature of and rights based upon possession; some methods of acquiring title to chattels; liens and pledges; conversion. *Warren's Cases on Property.* MR. VAN VLECK and MR. SPAULDING.

PRINCIPLES OF LEGAL LIABILITY. *Two hours a week for one half-year.* Nature of an act; causation of injury; proximity or remoteness of injury as affecting tort or criminal liability of the actor; effect of interposition of other causes including natural forces and acts of animals and human beings; excuses for acts

\* Prescribed Subjects.



causing injury including duty, public authority, defense of person and property and consent of injured person. *Beale's Cases on Legal Liability*. MR. EDGERTON.

\*REAL PROPERTY I. *Three hours a week for one half-year*. Fixtures; the feudal system; estates; non-possessory interests in land; joint ownership; disseisin; uses and trusts; rights incident to possession; profits; licenses; easements; covenants running with the land; rents; waste; public rights. *Warren's Cases on Real Property*. MR. SPAULDING and MR. VAN VLECK.

\*TORTS. *Two hours a week first half, three hours second half-year*. Negligence; duty of care of occupant of land toward those coming on it; trespass to the person, to real and personal property; contributory negligence; liability for fire or explosives; liability of owner of animals; deceit; libel and slander; malicious prosecution; unfair competition; strikes and lock-outs. *Pound's Cases on Torts*. MR. COLLIER.

## SECOND YEAR SUBJECTS

(The schedule of classes for the academic year 1922-23 will not be ready for distribution until after September 1, 1922. The following is a list of subjects offered during 1921-22, and is not an announcement of courses for 1922-23, although few changes are anticipated. Text books and instructors may be changed in some instances.)

AGENCY. *Three hours a week for one half-year*. Requisites for creation of the agency relation; power of the agent to subject the principal to tort; contract liability to third persons; responsibility of the agent to third persons; liabilities in case of undisclosed principal; duties of principal and agent inter se; delegation of powers by the agent; ratification; termination of agency. *Wambaugh's Cases on Agency*. MR. UPDEGRAFF.

\*BILLS AND NOTES. *Three hours a week for one half-year*. Form and essential requisites of negotiable instruments; delivery; indorsement; liability of maker, acceptor, drawer, indorser, and of person transferring by delivery. *Colson's Huffcutt's Cases on Negotiable Instruments*. MR. SPAULDING.

\*COMMON LAW PLEADING. *Two hours a week for one half-year*. The declaration, necessary allegations, separate counts, joinder of causes; pleas, the common traverse, the special traverse, the general issues, confession and avoidance, estoppel, abatement; replications, amendment, aider and replender. *Tyler's Stephen on Pleading, Sunderland's Cases on Common Law Pleading*. MR. CLEPHANE and MR. UPDEGRAFF.

\* Prescribed Subjects.

**DAMAGES.** *Two hours a week for one half-year.* Exemplary; liquidated; nominal; direct; consequential; avoidable; counsel fees; certainty; compensation; physical and mental suffering; aggravation and mitigation; value; interest; special rules in certain tort and contract actions. *Beale's Cases on Damages.* MR. LAVERY.

**DOMESTIC RELATIONS.** *Two hours a week for one half-year.* Marriage, divorce and separation; personal and property rights and liabilities of husband and wife; parent and child; infancy. *Woodruff's Cases on Persons.* MR. TOWNSEND.

**\*EQUITY II.** *Two hours a week for one half-year.* Rules regulating specific performance of contracts including the doctrine of equitable conversion, and the more important defenses to a specific performance such as the statute of frauds, fraud, hardship, misrepresentation and concealment. *Ames' Cases on Equity Jurisdiction, Volume I.* MR. SPAULDING.

**EQUITY III.** *Two hours a week for one half-year.* Bills of interpleader; bills of peace; bills Quia Timet; cloud on title; reformation and rescission; mistake of law and mistake of fact. *Ames' Cases on Equity Jurisdiction, Volume II.* JUSTICE STAFFORD.

**\*EQUITY PLEADING AND PRACTICE.** *One hour a week for one half-year.* Parties; process; bills; demurrers; answers; pleas; disclaimers; cross-bills; replications; amendments; practice; injunctions; receivers. *Jones on Equity Pleading and Practice.* MR. CLEPHANE.

**\*EVIDENCE.** *Three hours a week for one half-year.* Judicial notice; burden of proof and presumptions; admissions and confessions; character; opinion evidence; the hearsay rule and its exceptions; the privileges and disqualifications of witnesses; the examination of witnesses; writings. *McKelvey on Evidence, Hinton's Cases on Evidence.* MR. PETER and MR. LAVERY.

**INSURANCE.** *Two hours a week for one half-year.* Marine, fire and life insurance; validity of the policy as affected by insurable interest; concealment; representation; warranty and other matters; rights of the insured and of the insurer under the policy; rights of assignees and beneficiaries. *Vance's Cases on Insurance.* MR. LAVERY.

**QUASI-CONTRACTS.** *Two hours a week for one half-year.* Obligations imposed by law which are enforceable by action of assumpsit. *Thurston's Cases on Quasi-Contracts.* MR. VAN VLECK.

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\* Prescribed Subjects.



\*REAL PROPERTY II. *Two hours a week throughout year.* Titles to real estate; possession; seisin and disseisin; adverse possession; prescription; accretion; modes of conveyance; execution of deeds; the property conveyed; easements by implication; covenants for title; estoppel by deed; priorities and recording. *Warren's Cases and Gray's Cases on Real Property (2d ed.)*, Vol. III, and assigned readings. MR. UPDEGRAFF.

SALES. *Three hours a week for one half-year.* Subject matter of a sale of personal property; the passing of title as affected by the goods being specified or unspecified, the contract being executed or executory, the use of documents of title, and shipments c. o. d.; effect of fraud and of retention of possession; rights and remedies of the seller; rights and remedies of the buyer. *Williston's Cases on Sales (3d ed.)* MR. COLLIER and MR. EDGERTON.

### THIRD YEAR SUBJECTS

(The schedule of classes for the academic year 1922-23 will not be ready for distribution until after September 1, 1922. The following is a list of subjects offered during 1921-22, and is not an announcement of courses for 1922-23, although few changes are anticipated. Text books and instructors may be changed in some instances.)

ADMIRALTY. *Two hours a week for one half-year.* Jurisdiction; admiralty liens; salvage; general average; charter parties and contracts of affreightment; marine insurance; The Harter Act; The Limited Liability Act; marine documents; procedure in admiralty. *Ames' Cases on Admiralty Jurisdiction*, and assigned readings. MR. ALDEN.

MUNICIPAL CORPORATIONS. *Two hours a week for one half-year.* Nature, organization and functions of municipal corporations such as cities and towns; their creation, control, alteration and dissolution; police power, power to tax, power to contract, etc.; liability in contract and in tort. *Beale's Cases on Municipal Corporations*. MR. EDGERTON.

BANKRUPTCY. *Two hours a week for one half-year.* History of the law; jurisdiction and procedure in Courts of Bankruptcy and before Referees; effect upon civil litigation of bankruptcy proceedings; voidable preferences; jurisdiction over appeals, etc. MR. BRANDENBURG.

CONFLICT OF LAWS. *Two hours a week throughout the year.* Jurisdiction: of law over persons and things; of courts; in rem; in personam; quasi in rem; and for divorce. Creation and enforcement of foreign rights; limitations and enforcement of such rights;

\*Prescribed Subjects.

remedies, including rights of action and procedure; particular classes of rights, including personal rights, property rights, tort rights, contract rights; administration of estates. *Lorenzen's Cases on Conflict of Laws*. MR. VAN VLECK.

CONSTITUTIONAL LAW. *Two hours a week throughout year.* Legislative, executive and judicial powers; the relation of nation and states; District of Columbia and territories; the contract clause; ex post facto laws; fourteenth amendment; commerce clause, etc. *Wambaugh's Cases on Constitutional Law*. MR. COLLIER.

\*CORPORATIONS. *Two hours a week throughout year.* General principles of corporation law including the corporation's relations with the state, its promoters, its stockholders, and its creditors, and the rights and obligations arising therefrom. *Warren's Cases on Corporations* (2d ed.). MR. EDGERTON.

FEDERAL PROCEDURE. *Two hours a week for one half-year.* Source of Federal jurisdiction; the law as administered by Federal Courts; jurisdiction and procedure; appellate jurisdiction of Circuit Court of Appeals and Supreme Court of the United States; practice in Court of Claims, and other Federal Courts. MR. BRANDENBURG.

INCOME TAX. *Two hours a week for one half-year.* Constitutionality and construction of United States statutes on income tax and excess profits tax. *Internal Revenue Laws, 1920*. MR. GORDON.

INTERNATIONAL LAW. *Two hours a week for one half-year.* Sources; jurisdiction; the pacific relations of states; the belligerent relations of states; war rights as to private property; blockade; contraband; and the rights and duties of neutrals. *Evans' Cases on International Law*. MR. HILL.

LEGAL BIBLIOGRAPHY AND BRIEF MAKING. *One hour a week for one half-year.* Where and how to find the law; how to use decisions and statutes; trial brief; appeal brief. JUDGE LATIMER.

LEGAL TACTICS AND ETHICS. *One hour a week for one half-year.* Duties of attorneys; ethics; office practice; common law practice; summary judgments; attachments; examination of witnesses; appellate practice; extraordinary legal remedies. MR. CLEPHANE.

\*MOOT COURT. *Two hours a week throughout year.* Pleadings; trials before judge; trials before jury; appellate work. There are four nisi prius courts, one Equity, two Circuit, and one Criminal, and a Court of Appeals. The proceedings are conducted as in a regular court. Statements of fact are furnished

\*Prescribed Subjects.



the students who must determine the court in which to sue, frame their pleadings, and conduct the cases to a conclusion in accordance with the rules of actual practice. A student must have completed the courses in Evidence and Common Law Pleading before beginning Moot Court. After September 1, 1923, Equity Pleading and Practice will also be a prerequisite for Moot Court. MESSRS. CLEPHANE, HALL and EARNEST and JUDGE LATIMER.

**MORTGAGES.** *Two hours a week for one half-year.* The two existing theories as to mortgage security; real estate and chattel mortgages, considering in detail the various forms of mortgage commonly in use in commercial communities, together with the rights and liabilities arising thereunder. *Kirchwey's Cases on Mortgages (2d ed.).* MR. MCFALL.

**SURETYSHIP.** *Two hours second half-year.* Nature of the contract; kinds of suretyship; the statute of frauds; surety's defenses based on the absence, suspension, or discharge of the primary obligation, or on conduct of the creditor prejudicial to the surety rights; effect of notice of revocation by or death of the surety; subrogation; exoneration. *Ames' Cases on Suretyship.* MR. MCFALL.

**ORGANIZATION AND MANAGEMENT OF CORPORATIONS.** *One hour a week for one half-year.* Promotion; selecting domicile; capitalization; charter; by-laws; meetings; stockholders; directors; officers; stock; bonds; voting trusts. *Clephane on the Organization and Management of Corporations.* MR. CLEPHANE.

**PARTNERSHIP.** *Two hours a week for one half-year.* Formation; title to partnership property; partnership liability; rights and duties of partners inter se; rights and remedies of creditors. *Ames' Cases of Partnership.* JUSTICE STAFFORD and MR. SPAULDING.

**PATENT LAW (SUBSTANTIVE) AND PATENT OFFICE PRACTICE.** *Two hours a week throughout year.* Substantive Patent Law: subjects of patents; invention; anticipation; statutory bars; utility; parties; reissues; disclaimers; extent of monopoly; state and federal regulation; transfers of title; licenses; construing claims; infringement. Patent Office Practice: attorneys: application papers; examinations; amendments; division; double patenting; interferences; interference practice; appeals; abandonment; renewals; public use proceedings; issue. MR. SUTTON.

**PATENT LAW PRACTICE.** *Two hours a week for one half-year.* Trial of patent law cases in moot court. MR. SUTTON.

**PREPARATION OF LEGAL INSTRUMENTS.** *One hour a week for one half-year.* Contracts; deeds; acknowledgment and proof of deeds;

mortgages and deeds of trust; leases; bills of sale; chattel mortgages; release of mortgages or deeds of trust; powers of attorney; assignments; wills. JUDGE LATIMER.

**PUBLIC UTILITIES.** *Two hours a week for one-half year.* An introductory consideration of the rights and duties of public service companies in general, followed by a brief study of the special obligations of carriers. *Burdick's Cases on Public Utilities.* MR. EDGERTON.

**TRUSTS.** *Two hours a week throughout year.* The nature of a trust as distinguished from debt, bailment, equitable charge and executorship; the requisites for the creation of a trust including trustee, cestui que trust, object, consideration and the effect of the Statute of Frauds; the nature of the cestui's interest; the transfer of trust property by act of the parties, by death, by marriage, by insolvency and acts of creditors; the duties of the trustee in the administration of his trust. Resulting and constructive trusts. *Scott's Cases on Trusts.* MR. LAVERY.

**WILLS AND ADMINISTRATION.** *Two hours a week for one half-year.* History of wills; right to make a will; what is disposable under a will; form, execution, and attestation; revocation; who is entitled to administer upon an estate; distribution of an intestate's personality; descent of realty; probate; letters testamentary and of administration; duties of executors and administrators. *Costigan's Cases on Wills.* MR. SMITH.

**PROPERTY III.** *Two hours a week for one half-year.* Future interests; conditions, reversions, remainders and conditional limitations; Rule in Shelley's Case; Future interests in personality; Powers; Rule against perpetuities. *Gray's Cases, Vol. 5.* MR. SMITH.

### SUMMER SCHOOL, 1922

The Summer School of 1922 will cover a period of twelve weeks, divided into two sessions of six weeks each. Classes in the first session begin Monday, June 19th, and end Saturday, July 29. Examinations will be held July 31, August 1 and 2. Classes in the second session begin Thursday, August 3, and end Wednesday, September 13. Examinations will be held September 14, 15 and 16.

The purpose of the Summer School is to lighten and supplement the work of the regular session by enabling students to complete subjects usually taken in the regular session, or to shorten the period of study for a degree. In this connection, attention is invited to the fact that the twelve weeks summer course is not equivalent to one semester in reckoning the time-requirement for a degree.



Subjects have been selected to afford proper work both for students beginning the study of Law and for advanced students. All the subjects selected will be conducted by regular members of the Faculty and the character of instruction and the amount and grade of work required will be the same as that of the regular session.

Registration should be completed by the opening date of each session. Students may register for one or both sessions.

Students who are qualified for admission as candidates for degrees will be given two semester-hours credit for each subject completed.

Employed students may obtain a maximum of four semester-hours credit in each session by attendance in two subjects aggregating ten periods per week. Students not employed may obtain a maximum of six semester-hours credit in each session by attendance in three subjects aggregating fifteen periods per week.

The schedule is so arranged that work may be taken in the morning or in the late afternoon, or part in the morning and part in the late afternoon.

Classes in morning subjects are held from Tuesday to Saturday inclusive; classes in afternoon subjects from Monday to Friday inclusive. Tuesday, July 4th, and Monday, September 4th, will be holidays.

### FIRST SESSION

#### First Year Subjects

*Legal Liability.*—Two semester credits. Beale's Cases on Legal Liability. Tuesday and Friday, 5:10 to 6:50 p. m.; Wednesday, 6:00 to 6:50 p. m. Mr. COLLIER.

*Personal Property.*—Two semester hours. Warren's Cases on Property. Tuesday to Saturday, inclusive, 7:50 to 8:40 a. m. Mr. VAN VLECK.

#### Second and Third Year Subjects

*Agency.*—Four semester credits (continued through second session). Wambaugh's Cases on Agency. Monday and Thursday, 5:10 to 6:50 p. m.; Wednesday, 5:10 to 6:00 p. m. Mr. UPDEGRAFF.

*Code Pleading.*—Two semester credits. Tuesday and Friday, 5:10 to 6:50 p. m. Wednesday, 6:00 to 6:50 p. m. Mr. UPDEGRAFF.

*Damages.*—Two semester credits. Mechem & Gilbert's Cases on Damages. Tuesday to Saturday, inclusive, 7:50 to 8:40 a. m. Mr. LAVERY.

*Mortgages.*—Two semester credits. Kirchwey's Cases on Mortgages. Monday and Thursday, 5:10 to 6:50 p. m.; Wednesday, 5:10 to 6:00 p. m. Mr. COLLIER.

*Quasi-Contracts.*—Two semester credits. Thurston's Cases on Quasi-Contracts. Monday and Thursday, 5:10 to 6:50 p. m.; Wednesday, 5:10 to 6:00 p. m. Mr. VAN VLECK.

*Trusts.*—Four semester credits (continued through second session). Scott's Cases on Trusts. Tuesday and Friday, 5:10 to 6:50 p. m. Wednesday, 6:00 to 6:50 p. m. Mr. LAVERY.

## SECOND SESSION

### First Year Subjects

*Elementary Procedure.*—Two semester credits. Scott's Cases on Civil Procedure. Tuesday to Saturday, inclusive, 7:50 to 8:40 a. m. Mr. LAVERY.

*Domestic Relations.*—Two semester hours. Woodruff's Cases, Third Edition. Monday and Thursday, 5:10 to 6:50 p. m.; Wednesday, 5:10 to 6:00 p. m. Mr. TOWNSEND.

### Second and Third Year Subjects

*Agency.*—Continuation of course begun in first session. Monday and Thursday, 5:10 to 6:50 p. m.; Wednesday, 5:10 to 6:00 p. m. Mr. UPDEGRAFF.

*Municipal Corporations.*—Two semester credits. Beale's Cases. Tuesday and Friday, 5:10 to 6:50 p. m.; Wednesday, 6:00 to 6:50 p. m. Mr. UPDEGRAFF.

*Partnership.*—Two semester credits. Ames' Cases. Monday and Thursday, 5:10 to 6:50 p. m.; Wednesday, 5:10 to 6:00 p. m. Mr. SPAULDING.

*Sales.*—Two semester credits. Williston's Cases on Sales, Third Edition. Tuesday and Friday, 5:10 to 6:50 p. m.; Wednesday, 6:00 to 6:50 p. m. Dean FERSON.

*Suretyship.*—Two semester credits. Ames' Cases on Suretyship. Tuesday to Saturday, inclusive, 7:50 to 8:40 a. m. Mr. SPAULDING.

*Trusts.*—Continuation of course begun in first session. Tuesday and Friday, 5:10 to 6:50 p. m.; Wednesday, 6:00 to 6:50 p. m. Mr. LAVERY.

## PUBLIC SPEAKING AND DEBATING

Excellent facilities for training in public speaking and parliamentary law are afforded by the Columbian Debating Society, which has been organized in the Law School, and meets weekly for debate. Membership in this society is optional, but its work is encouraged by the faculty, and students are advised to take part in its exercises.

Intercollegiate debates are also held. Membership on the teams which represent the University in these contests must be won in



preliminary contests held for such purpose. These debates are conducted under the supervision of a committee of the University Faculty.

#### ATTENDANCE, RECITATIONS, EXAMINATIONS, GRADES, AND ELIMINATION OF STUDENTS

*Attendance and Recitations.*—No student, except by special permission of the Dean, will be allowed to take an examination on any subject unless he shall be regularly registered and have been in regular attendance upon the classes and have done all the work required in the course of instruction upon that subject. A student who is absent over ten per cent of the class hours in any subject will be denied credit unless his absences are excused by the Dean.

*Regular Examinations.*—Written examinations are held at the close of the first half-year in subjects which are then completed and at the close of the year in all other subjects. All students are required to take the regular examinations in the subjects pursued, unless excused by the Dean.

*Grades.*—At all examinations the grading of students will be indicated by the letters A, B, C, D, E, and F, representing, respectively, Excellent, Good, Satisfactory, Fair, Conditioned, and Failed. A student receiving the grade F (failed) in any subject will be required to repeat the course. A student receiving the grade of E (conditioned, in any subject will be required to repeat the course unless he pass the next regular examination for the removal of conditions with a grade of at least C.

*Examinations for the Removal of Conditions.*—Regular examinations for the removal of conditions are held during the first week of each academic year. A special examination for the removal of conditions is held at the end of each academic year for the benefit of candidates for the Bachelor's degree who have been conditioned in not more than four hours during the first half of their last year. Application for permission to take these examinations must be made in writing to the Secretary of the Law School not later than three days before the date for which the examination is scheduled.

*Elimination of Students.*—A student must obtain a grade of "D" or better in at least three-fourths of the total number of semester-hours for which he registers, and any student who fails to do so shall thereby automatically be excluded from further work in the school. He may be reinstated upon such a showing and upon such conditions as may be required by the Committee on Scholarship. The instructors of the first-year class are a committee to examine the students' records, with power to warn, to place on probation, and to refuse reregistration to any student whose work

is deemed unsatisfactory. The committee examines the records of all students immediately after the midyear examinations and again after the final examinations.

### DEGREES

1. *Bachelor of Laws.*—The degree of Bachelor of Laws will be conferred upon regular students who have studied law for a period of at least three academic years and passed satisfactory examinations with an average grade of at least C on required and elective subjects aggregating thirty-six year-hours, and whose attendance and conduct have been satisfactory to the faculty.

The degree of Bachelor of Laws with distinction will be awarded students whose average percentage in all subjects is equivalent to the grade of A.

2. *Master of Laws.*—The degree of Master of Laws will be conferred upon students who have completed the work in subjects not counted for the Bachelor of Laws degree covering a minimum of ten year-hours with a grade of C or better in each subject and whose attendance and conduct have been satisfactory to the faculty. The subject of International Law offered by the Faculty of Arts and Sciences may be counted toward this degree. The degree will not be conferred until one academic year after the receipt of the degree of Bachelor of Laws.

3. *Master of Patent Law.*—Students who have qualified for the degree of Master of Laws may elect instead the degree of Master of Patent Law, provided that they have included in their course the Patent Law subjects and Federal Procedure. This degree will not be conferred until one year after receipt of the degree of Bachelor of Laws.

Candidates for degrees who have been absent from school for two successive years shall be entitled to continue the course only on such terms as the faculty may prescribe at the time of re-entering.

### COMBINATION SIX-YEAR COURSE FOR DEGREES OF BACHELOR OF ARTS AND BACHELOR OF LAWS

The University permits one year of professional work in the Law School to be counted toward an academic degree. The degree of Bachelor of Arts will be conferred on students who have completed three years of college work (90 semester-hours, 12 semester-hours of which must be completed in the Department of Arts and Sciences of George Washington University, including one of the six groups of subjects there prescribed), and the first year in the Law School; the degree of Bachelor of Laws on completing the whole six years of the combination course.



## PRIZES

*The John B. Larner Gold Medal.*—A gold medal donated by Mr. John Bell Larner, Chairman of the Board of Trustees of the University, is awarded annually to that member of the graduating class who shall have attained the highest average grade in the entire course for the degree of Bachelor of Laws. Awarded 1920-21 to Ismar Baruch.

*Herrick Prize.*—A prize of twenty-five dollars cash, donated by Samuel Herrick, Esq., is awarded annually to that member of the graduating class, excepting the winner of the gold medal, who shall have attained the highest average grade in the entire work of the third year. Awarded 1920-21 to John D. Watkins.

*Blackstone Institute Prize.*—A set of "Modern American Law," donated by the Blackstone Institute, is awarded annually to that member of the graduating class, excepting the winner of the Herrick Prize, who shall have attained the highest average grade in the entire work of the third year. Awarded 1920-21 to Ismar Baruch.

*The Ordronaux Prize Scholarship.*—A prize scholarship, known as "The Ordronaux Prize Scholarship," is awarded annually to that member of the second year class taking the regular course who shall have attained the highest average grade in the work of the second year. The recipient of this prize will be entitled to receive credit for tuition fees to the extent of one hundred dollars in his third year; the diploma fee will remain payable. The award of this scholarship is purely personal and will not be commuted to a cash payment. The recipient of the scholarship must make use of it during the session next succeeding its award; otherwise it will be awarded to the person having the next highest grade. Awarded 1920-21 to Mary S. Covington.

*Phi Delta Phi Prize.*—The Marshall Inn of Phi Delta Phi Legal Fraternity, which is the local chapter, offers a prize of twenty-five dollars cash, to be awarded annually to that member of the first year class taking the regular course who shall attain the highest average grade in the entire work of the year. Awarded 1920-21 to Frank S. Rowley.

*Phi Delta Delta Prize.*—Zeta Chapter of Phi Delta Delta Women's Legal Fraternity, which is the local chapter, offers a prize of twenty-five dollars in gold, to be awarded annually to that woman member of the first year class taking the regular course who shall attain the highest average grade in the entire work of the year. Awarded 1920-21 to Laura B. Mason.

*Ellsworth Prize.*—A prize of twenty-five dollars in gold, offered by Mr. Fitz von Briesen, called the "Ellsworth Prize," is awarded for the best work done by a student in the subject of Patent Law Practice. Awarded 1920-21 to Clarence M. Crews.

*John Byrne and Company Prize.*—A prize offered by John Byrne and Company of Washington, D. C., of four volumes of their Legal Classics is awarded each year to the student attaining the highest grade in Real Property II. Awarded 1920-21 to Joe Hartman and Basil H. Pollitt (tie).

#### FEES

1. Registration fee (payable once upon first registration in the Law School).....	\$5
2. Tuition fee per annum for each hour taken per week.....	12
3. Fee for graduation.....	10
4. Fee for each subject taken in summer session.....	12
The approximate cost of the books for the 1st year.....	45.00

No registration will be accepted for less than a half-year, and no change in the courses undertaken at the time of registration will be made unless approved by the Dean or Secretary. *Students will be charged for all courses registered or until application for permission to drop them or to withdraw from the University has been made in writing to the Dean. Withdrawals during the half-year will be granted only on recommendation of the Dean.*

#### PAYMENT OF FEES

Matriculation fee is due in advance. Tuition may be paid in eight monthly installments in advance, but will not be apportioned for a part of a month. Students unable to pay their fees monthly in advance will be required to file an acceptable personal or corporate bond for \$200 as security for future payment. In every instance all indebtedness must be discharged on or before May 1, of the current school year. Students who are dropped from the rolls because of delinquency in payment of fees are required to pay a reregistration fee of \$2. Fees are payable at the office of the Treasurer of the University, 2101 G Street, or of the Secretary of the Law School.

#### STUDENTS' EMPLOYMENT

The School endeavors to assist students in finding work to aid in their support. Many out-of-town students take the United States Civil Service examinations in their various states and secure position in the Government departments in Washington, where the hours of employment enable them to pursue the law course in the afternoon. Information concerning these examinations may be secured from the Civil Service Commission at Washington.

There are also opportunities for private employment which will help pay expenses, but the applicant must be on hand to take advantage of them. Prospective students should have the means of support for at least a half-year to give them time to secure positions.



## STUDENTS IN THE UNIVERSITY

Names of students who have withdrawn or graduated are indicated by stars (\*) or symbols (§); those who have entered since February 15, 1922, by daggers (†).

## DEGREES CONFERRED, MISCELLANEA





## STUDENTS REGISTERED IN THE DEPARTMENT OF ARTS AND SCIENCES, 1921-22

Names of students who have withdrawn or graduated are indicated by stars (\*) or symbols (§); those who have entered since February, 1922, by daggers (†).

In the enumeration of undergraduate students the column of figures indicates the number of semester-hours of work taken by the student prior to the beginning of the current academic year, 1921-22, and completed without conditions, or credited on advanced standing in candidacy for a degree. In Columbian College 120 credits are required for graduation; in Teachers College, 124; in the College of Engineering, 140.

### SCHOOL OF GRADUATE STUDIES IN ATTENDANCE

HARTSCH, MRS. SIGNE GJERDRUM (D. C.).....	1456 Belmont Street
A. B., 1920, George Washington University	
BICKNELL, ANNA (N. Y.).....	4411 30th Street
B. S., 1915, Columbia University	
BIRTWELL, ELIZABETH (D. C.).....	123 12th Street, S. E.
A. B., 1904, Wellesley College	
*BOGGS, ALICE LAURA (N. Y.).....	1225 L Street
A. B., 1918, Oberlin College	
BUEB, JOHN CARROLL (D. C.).....	719 9th Street, N. E.
A. B., 1915, Washington and Lee University	
BUCK, CLARENCE L. (Wis.).....	Bureau of Standards
B. S., 1920, Beloit College	
COLLINS, SELWYN D. (D. C.).....	1285 Irving Street
A. B., 1914, University of Missouri; A. M., 1915, University of Wisconsin	
*COOMBS, DANIEL S. (Neb.).....	634 C Street, N. E.
A. B., 1921, George Washington University	
CORSEY, EDITH J. (N. Y.).....	2818 27th Street
A. B., 1912, Syracuse University	
*CROWELL, CHARLES A. (Mass.).....	St. Elizabeth's Hospital
A. B., Harvard University	
CURRY, JESSIE M. (Ohio).....	2011 F Street
A. B., 1917, Mt. Union College	
DANIEL, CHARLES D. (Tenn.).....	1788 Corcoran Street
A. B., 1906, Southern University; A. M., 1910, Vanderbilt University	
DENT, MARY C. (D. C.).....	3009 F Street
A. B., 1919, George Washington University	
*DINER, IRENE CAROLINE (N. Y.).....	1818 Vernon Street
A. B., 1917, Hunter College; A. M., 1918, Columbia University; Ph. D., 1920, New York University	
*DONOVAN, KATHERINE M. (Wash.).....	1102 6th Street
A. B., 1921, George Washington University	
FERGUSON, ELIZABETH G. (Ga.).....	1812 K Street
A. B., 1919, Randolph-Macon College; A. M., 1921, George Washington University	
FREY, RALPH W. (D. C.).....	Bureau of Chemistry
B. S., 1912, George Washington University	
HANNA, NANCY P. (D. C.).....	3009 Q Street
A. B., 1920, Sweet Briar College	
†HARRIS, VERLE (Kans.).....	1743 P Street
B. S., 1916, Kansas State Normal College	
HAWKES, FRED (D. C.).....	2541 13th Street
*HEITMAN, POLLY (N. C.).....	1500 13th Street
A. B., 1912, Trinity College	
†HUNT, PHILIP W. (D. C.).....	1515 20th Street
A. B., 1900, Yale University	
HYSLOP, CLARENCE M. (Neb.).....	1801 G Street
A. B., 1917, Nebraska State Normal College	
INGELS, NELLE L. (Ill.).....	G-H Bldg., Govt. Hotels
Ph. B., 1911, Greenville College; A. M., 1914, University of Illinois	

- JENISON, HILBERT A. C. (D. C.).....1721 21st Street  
M. E., 1900, Cambridge University
- JENKINS, MRS. BLANCHE S. (Ohio).....1815 Belmont Street  
A. B., 1914, Oberlin College
- JOHNSON, NELLIE E. (Pa.).....1854 Monroe Street  
Sc. B., 1905, Bucknell University
- \*KONNO, TOSABRO (Japan).....2218 18th Street  
A. B., 1900, University of California; A. M., 1902, Columbia University
- \*LEPPER, HENRY A. (D. C.).....1417 Allison Street  
B. S., 1913, George Washington University
- \*LONDOW, EZEKIEL J. (N. C.).....The Alabama  
A. B., 1912, Trinity College
- LOOMIS, ALBERT G. (D. C.).....Bureau of Mines  
Ph. D., University of California, 1919
- \*MCNAUGHTON, EDNA B. (Mich.).....College Park, Md.  
B. S., 1911, Michigan Agricultural College
- MACLEAR, MARTHA (N. Y.).....1405 Girard Street  
B. S., 1909, A. M., 1910, Columbia University
- MIDDLEBROOK, CELIA A. (Tex.).....L-M Bldg., Govt. Hotels  
MOSS, FRED A. (N. C.).....Capitol Heights, Md.  
A. B., 1913, Mercer University; A. M., 1920, Columbia University
- MULLIGAN, GRACE C. (Md.).....8825 14th Street  
M. E., 1903, Colorado School of Mines
- MURRAY, MARY F. (D. C.).....1317 Farragut Street  
A. B., 1913, George Washington University
- NEWCOMB, MARY A. (Va.).....144 12th Street, N. E.  
A. B., 1917, George Washington University
- PINCK, LOUIS A. (N. J.).....1828 Calvert Street  
B. S. in Chem. Eng., 1918, New York University
- \*PORTER, FRANK (Mo.).....1437 Belmont Street  
A. B., 1919, Missouri State University
- PROTZMAN, MERLE IRVING (Pa.).....1100 Irving Street  
A. B., 1913; A. M., 1919, Dickinson College
- RANDALL, BERNICE D. (D. C.).....2035 F Street  
A. B., 1921, George Washington University
- \*REILLY, MARIE M. (Pa.).....2506 K Street  
B. S., 1916, Columbia University
- †ROBBINS, JESSIE M. (N. J.).....X-Y Bldg., Govt. Hotels  
Ph. B., 1907, Alfred University
- \*ROSE, ANNA LORETTE (Pa.).....1104 M Street  
A. B., 1912, George Washington University
- ROSE, HELEN MARIE CECILIA (Ill.).....1520 U Street  
Ph. B., 1919, University of Chicago
- SCOTT, DOROTHY B. (D. C.).....16 5th Street, S. E.  
A. B., 1913, University of Omaha; A. M., 1920, George Washington University
- \*SHERMAN, JOHN M. (Mass.).....3324 Newark Street  
B. S., 1921, Massachusetts Institute of Technology
- \*SINGISER, ROMAINE W. (Pa.).....717 21st Street  
A. B., 1912, Dickinson College
- STARKE, NATHANIEL C. (Va.).....Ashburn, Va.  
Ph. B., 1901, University of North Carolina
- SWICKER, VICTOR C. (Me.).....1827 Monroe Street  
B. S., 1916, Bates College
- TILLINGHAST, MRS. ROSE C. O. (Minn.).....323 Maryland Avenue, N. E.  
A. B., 1915, University of Minnesota
- \*VALEAR, PETER (Va.).....Bureau of Internal Revenue  
B. S., 1906, North Carolina State University; M. S., George Washington University, 1917
- WADDELL, MRS. ELIZABETH F. (Ga.).....3800 14th Street  
A. B., 1921, George Washington University
- WEICH, IRABELLE M. (N. J.).....9 W. Melrose Street, Chevy Chase, Md.  
A. B., 1919, Smith College
- WEYMAN, MOLLIE B. (N. Y.).....3006 13th Street  
A. B., 1920, George Washington University
- \*WHITMORE, EUGENE R. (Wis.).....2139 Wyoming Avenue  
B. S., 1896, University of Wisconsin; M. D., 1899, University of Illinois; Dr. P. H., 1921, Johns Hopkins University
- WILLARD, EMMA (Ill.).....Children's Bureau  
A. B., 1888, Oberlin College; A. M., 1891, University of California
- \*WILSON, ELIZABETH W. (D. C.).....316 B Street, S. E.  
A. B., 1917, George Washington University; A. M., 1920, Radcliffe College
- \*WU, NAN-JU (China).....1921 G Street  
A. B., 1917, LL. B., 1920, Pei-Yang University



## MASTER OF ARTS

- †ALSEEN, MYRTLE F. C. (Minn.).....1445 Meridian Place  
A. B., 1922, George Washington University. *Topics:* Major, History;  
Minors, English, Sociology
- AMAN, JOHN ANDREW (Md.).....Mt. Rainier, Md.  
A. B., 1920, George Washington University. *Topics:* Major, Political  
Science; Minor, English
- †AMES, HERMAN ROBE (N. H.).....1046 Irving Street, N. E.  
A. B., 1922, George Washington University. *Topics:* Major, History; Minor,  
Commerce
- ARNOLD, ROSEMARY (Pa.).....24 2d Street, N. E.  
A. B., 1921, George Washington University. *Topics:* Major, English; Minors,  
English, Sociology
- BAILEY, LILLIE P. (Pa.).....3222 13th Street  
A. B., 1920, George Washington University. *Topics:* Major, English; Minor,  
Education
- \*BARNEY, ANNIS O. (Vt.).....1104 M Street  
Ph. B., 1921, University of Vermont. *Topics:* Major, Commerce; Minors,  
Economics, Commerce
- BARTLETT, HELEN REBEKAH (Md.).....2120 G Street, Apt. 402  
A. B., 1919, Western Maryland University. *Topics:* Major, History; Minors,  
Political Science, Economics
- \*BELL, M. BYRD (Tex.).....927 17th Street  
A. B., 1921, George Washington University. *Topics:* Major, English; Minors,  
Sociology, Art
- BELLER, ELIZABETH C. (D. C.).....235 1st Street, N. E.  
A. B., 1917, George Washington University. *Topics:* Major, History; Minor,  
Education
- BELT, MILDRED (Md.).....Children's Bureau, Depart-  
ment of Labor  
A. B., 1917, Goucher College. *Topics:* Major, Economics; Minor, Law
- †BENNETT, ALVA H. (Ohio).....1740 Euclid Street, Apt. 50  
A. B., 1918, Ohio State University. *Topics:* Major, Physics; Minors, Physics,  
Mathematics
- BENNETT, RUTH HILTON (D. C.).....3420 Mt. Pleasant Street  
A. B., 1919, George Washington University. *Topics:* Major, Political Science;  
Minor, History
- BISER, ROSEBELLE (Md.).....1504 21st Street  
A. B., 1918, Winthrop College. *Topics:* Major, English; Minors, English,  
History
- \*BOMBERGER, RICHARD W. (Md.).....Donaldson School, Ilchester,  
Md.  
A. B., 1920, Franklin and Marshall College. *Topics:* Major, English; Minors,  
English and History
- BONNER, HARRIE R. (W. Va.).....237 F Street, N. E.  
A. B., 1914, West Virginia University. *Topics:* Major, Education; Minor,  
Economics
- BRADLEY, MARY MACKINLEY (Ga.).....1929 Calvert Street  
A. B., 1921, George Washington University. *Topics:* Major, Philosophy;  
Minor, Sociology
- †BRANNEN, FLORENCE (Ga.).....1812 K Street, Apt. 205  
A. B., 1922, George Washington University. *Topics:* Major, History
- BRITTEN, ROLLO HERBERT (Md.).....Riverdale, Md.  
A. B., 1912, Harvard University. *Topics:* Major, Economics; Minors, Pre-  
ventive Medicine, Sociology
- \*BRODELL, ALBERT PERCY (Ala.).....Farm Management, Depart-  
ment of Agriculture  
B. S., 1921, Oklahoma Agricultural and Mechanical College. *Topics:* Major,  
Economics; Minor, Commerce
- BROWN, MARY (D. C.).....Southbrook Courts, Apt. 608  
A. B., 1915, George Washington University. *Topics:* Major, English; Minor,  
Philosophy
- BROWNE, THOMAS (D. C.).....231 9th Street, N. E.  
B. Th., 1902, M. Th., 1903, S. Th., 1910, Temple University; A. B., 1920,  
George Washington University. *Topics:* Major, Philosophy
- \*CALLAWAY, PATRICK H. (Va.).....Episcopal High School,  
Alexandria, Va.  
A. B., 1918, University of Virginia. *Topics:* Major, Philosophy; Minors,  
Philosophy, Education

- \*CANTRELL, MRS. CECIL W. (Tex.).....3006 G Street  
A. B., 1921, George Washington University. *Topics:* Major, Spanish; Minors,  
Latin, Spanish
- CAREY, ALFRED B. (Del.).....Room 158, House Office  
Bldg.  
A. B., 1915, Delaware College. *Topics:* Major, Commerce
- \*CHANET, MRS. BERTHA SHANKS (D. C.).....210 Flower Avenue, Ta-  
koma Park, D. C.  
B. S., 1896, Union College, Nebraska. *Topics:* Major, Education; Minors,  
Education and Philosophy
- CHANG, KAICHEN Z. (China).....2312 19th Street  
A. B., 1909, St. John's College, China. *Topics:* Major, Economics
- \*COLE, ELTA JEAN (Iowa).....1223 15th Street  
B. S., 1915, New York State College for Teachers. *Topics:* Major, English;  
Minor, English
- COLEMAN, GRACE DECKER (S. C.).....Kendall Green  
A. B., 1916, Greenville Woman's College; M. A., 1921, Gallaudet. *Topics:*  
Major, English; Minors, Psychology, Social Science
- †COOPERMAN, HARRIETT (Iowa).....1811 Adams Mill Road  
A. B., 1922, George Washington University. *Topics:* Major, History; Minors,  
Economics, Political Science
- \*COWLES, ANNA B. (Mich.).....Hotel Calro  
B. S., 1915, Michigan Agricultural College. *Topics:* Major, Sociology
- CRAM, ELOISE B. (Iowa).....1736 Columbia Road  
B. S., 1918, University of Chicago. *Topics:* Major, Zoology; Minors, Zool-  
ogy, Pathology
- \*CROWLEY, FRANCIS M. (D. C.).....707 First Street  
A. B., 1916, Holy Cross Academy. *Topics:* Major, Economics; Minors, His-  
tory, Education
- DAVIS, MINNIE C. (D. C.).....1236 B Street, N. E.  
A. B., 1913, George Washington University. *Topics:* Major, English;  
Minors, Latin, History
- DAVISON, MRS. MABEL M. (D. C.).....2700 13th Street  
A. B., 1921, George Washington University. *Topics:* Major, Psychology;  
Minors, Sociology, Education
- \*DEFREES, RAYMOND G. (Va.).....Clarendon, Va.  
A. B., 1920, George Washington University. *Topics:* Major, Economics;  
Minors, Commerce, Civil Engineering
- DOLLARHIDE, DANIEL AUGUSTUS (Ark.).....1736 G Street  
A. B., 1916, Henderson-Brown College. *Topics:* Major, Commerce; Minors,  
Commerce, Political Science
- \*DRAPER, HENRY W. (D. C.).....1453 Fairmont Street  
A. B., 1909, George Washington University. *Topics:* Major, Education;  
Minor, English
- EDINGTON, WALLACE (D. C.).....315 John Marshall Place  
A. B., 1921, George Washington University. *Topics:* Major, Chemistry;  
Minor, Chemistry
- ELDRIDGE, HARRIET D. (D. C.).....2017 Park Road  
A. B., 1917, George Washington University. *Topics:* Major, English; Minors,  
History, Spanish
- ENGLISH, MAUDE F. (D. C.).....2014 15th Street  
A. B., 1918, George Washington University. *Topics:* Major, English; Minors,  
English, Philosophy
- FICKLIN, KROES (Va.).....Alexandria, Va.  
A. B., George Washington University. *Topics:* Major, English; Minors,  
Education, History
- FRITZ, MURIEL ESTELLE (D. C.).....1410 21st Street  
A. B., 1920, Wellesley College. *Topics:* Major, English; Minor, Philosophy
- GADDIS, MARGARET T. (D. C.).....1017 East Capitol Street  
A. B., 1920, George Washington University. *Topics:* Major, Education;  
Minors, Sociology, History
- GARDNER, RUFUS S. (Va.).....Ballston, Va.  
A. B., 1921, George Washington University. *Topics:* Major, Commerce;  
Minors, Political Science, History
- GESCHICKER, CHARLES (D. C.).....1222 Connecticut Avenue  
A. B., 1920, George Washington University. *Topics:* Major, Education;  
Minors, Sociology, Psychology
- GLASER, FREDA ELIZABETH (Wis.).....1308 Fairmont Street  
A. B., 1917, Lawrence College, Appleton, Wis. *Topics:* Major, English;  
Minors, Sociology, Art



- GOFORTH, ALYS MILLSAPS (La.).....1346 Oak Street  
A. B., 1921, George Washington University. *Topics:* Major, English; Minors, German, History
- GREGG, GENEVIEVE F. (Neb.).....1750 S Street  
A. B., 1919, Peru, Nebraska, Teachers' College. *Topics:* Major, History; Minors, Political Science, English
- GROSSEMAN, HERBERT R. (Ky.).....1311 N Street  
A. B., 1921, George Washington University. *Topics:* Major, Economics; Minors, English, History
- GUILFORD, CHARLES C. (Va.).....Eastern High School  
A. B., 1921, George Washington University. *Topics:* Major, History; Minors, Economics, Political Science
- HARDY, ROSE LEES (D. C.).....764 Rock Creek Church Road  
A. B., 1919, George Washington University. *Topics:* Major, Psychology
- HASLUP, ALICE E. (D. C.).....2114 18th Street  
A. B., 1912, George Washington University. *Topics:* Major, Education; Minors, English, Spanish
- HAZEN, GRACE (N. Y.).....1702 Kilbourne Place  
B. S., 1919, St. Lawrence University. *Topics:* Major, Psychology; Minors, Philosophy, Sociology
- \*HEHIR, JOHN FRANCIS (Mass.).....1113 16th Street  
A. B., 1912, Holy Cross Academy. *Topics:* Major, Sociology; Minor, Political Science
- HERNDON, CHARLES ALLAN (Ky.).....119 Maryland Avenue, N. E.  
A. B., 1912, Centre College. *Topics:* Major, English; Minors, Psychology, History
- \*HIGGINS, ARTHUR L. (Ariz.).....1810 Lawrence Street, N. E.  
A. B., 1921, George Washington University. *Topics:* Major, Economics and Sociology; Minors, Commerce, Philosophy
- HILL, EDITH E. (Ind.).....1712 Kilbourne Place  
A. B., 1916, Indiana University. *Topics:* Major, Mathematics
- HOLLINGSWORTH, JOSEPHINE B. (Calif.).....Government Hotels  
A. B., 1910, Tulane University. *Topics:* Major, Economics; Minors, Sociology, Commerce
- HOLLIS, FAYE PEARL (Kans.).....1304 Shepherd Street  
A. B., 1916, Baker University. *Topics:* Major, Economics; Minors, Commerce
- HOLMES, EDITH F. (S. D.).....Government Hotels  
A. B., 1918, Dakota Wesleyan University. *Topics:* Major, Sociology
- †HOLT, WILLIAM S. (N. Y.).....1725 17th Street  
A. B., 1920, Cornell University. *Topics:* Major, History; Minors, History, Political Science
- HOOVER, LAWRENCE G. (D. C.).....116 Baltimore Avenue, Takoma Park  
A. B., 1915, West Virginia University. *Topics:* Major, Education; Minors, Psychology, English
- HOWARD, RALPH C. (Miss.).....1741 G Street  
B. S., 1918, University of Mississippi; LL. B., 1921, National University Law School. *Topics:* Major, History; Minors, Political Science, Economics
- HUFF, MRS. DAISIE M. (D. C.).....2184 F Street  
B. S., 1902, Valparaiso University; A. B., 1913, George Washington University. *Topics:* Major, Education; Minors, Psychology, Philosophy
- HUMMER, ELIZABETH (Va.).....764 Rock Creek Church Road  
A. B., George Washington University. *Topics:* Major, Psychology
- HUMMER, MARIAN VIRGINIA (D. C.).....1010 Massachusetts Avenue, N. E.  
A. B., 1919, Randolph-Macon College. *Topics:* Major, English
- HYMAN, MRS. SADIE Z. (D. C.).....3401 16th Street  
A. B., 1921, George Washington University. *Topics:* Major, English; Minor, Sociology
- \*JAMES, TERESA D. (Ohio).....Wardman Park Hotel  
A. B., 1920, Bryn Mawr College. *Topics:* Major, French; Minors, Spanish, Philosophy
- JENKINS, WARDER B. (Ohio).....1315 Belmont Street  
B. S., 1917, Ohio State University. *Topics:* Major, Economics; Minors, Commerce, Economics
- JENNINGS, RALPH D. (Ohio).....Y. M. C. A.  
B. S., 1914, Michigan Agricultural College. *Topics:* Major, Commerce; Minor, Economics
- JOHNSON, MRS. GRACE DEAN (Ohio).....Bethesda, Md.  
B. S., 1908, New York University. *Topics:* Major, Political Science; Minors, History, Sociology

- JOHNSON, OTTO T. (Vt.).....1225 Harvard Street  
B. S., 1914, University of Vermont. *Topics:* Major, Philosophy; Minors, Economics, Commerce
- \*JONES, MRS. MARIE M. (Wash.).....702 20th Street  
A. B., 1920, George Washington University. *Topics:* Major, History; Minors, Economics, Political Science
- \*JUDD, ELEANOR C. (Wis.).....1819 G Street  
A. B., 1921, George Washington University. *Topics:* Major, English; Minors, English, Sociology
- KITTREDGE, DOROTHEA D. (Iowa).....1706 T Street  
A. B., 1916, University of Montana. *Topics:* Major, Economics
- KLAPHAAR, PETER JOHN (Netherlands).....114 Maryland Avenue, N. E.  
Diploma, G. A. von Swieten Horticultural College, 1913; A. B., 1920, University of Michigan. *Topics:* Major, Botany; Minor, Zoology
- KNAPPEN, MRS. NELLIE CROSS (D. C.).....2925 Tilden Street  
A. B., 1891, University of Minnesota. *Topics:* Major, Botany; Minor, Zoology
- LAVENDER, WILLIAM D. (Ala.).....1810 K Street  
A. B., 1920, Virginia Military Institute. *Topics:* Major, Political Science
- LEE, MARY E. (Ark.).....I-K Bldg., Govt. Hotels  
A. B., 1901, Ouachita College. *Topics:* Major, English; Minor, History
- LEE, WILLIAM YONG C. (Korea).....905 Continental Trust Bldg.  
A. B., 1921, George Washington University. *Topics:* Major, Commerce; Minor, History
- LEWIS, STUART (Ill.).....George Washington Inn  
LL. B., 1916, John Marshall Law School; D. C. L., 1918, Arkansas Law School; LL. M. and M. P. L., 1921, National University Law School; A. B., 1921, George Washington University. *Topics:* Major, Political Science; Minors, Political Science, History
- \*LOUGHRAN, JOSEPH S. (D. C.).....15 9th Street, S. E.  
Ph. B., 1909, Catholic University. *Topics:* Major, History; Minors, English, Education
- MCCLINTOCK, LAURA M. (Pa.).....1822 I Street  
A. B., 1921, George Washington University. *Topics:* Major, Economics; Minors, Sociology, Commerce
- †MARTIN, HOWARD H. (Ill.).....1758 N Street  
B. S. in Econ., 1922, University of Pennsylvania. *Topics:* Major, History; Minors, English, Political Science
- \*MILLER, MARION SPIERS (N. C.).....280 13th Street, S. W.  
A. B., 1918, University of North Carolina. *Topics:* Major, Chemistry; Minor, Chemistry
- †MILLIKEN, FLORENCE E. (D. C.).....15 Dorset Avenue, Chevy Chase  
A. B., 1915, George Washington University. *Topics:* Major, English; Minors, History, Education
- MILLS, EDDIE LANCE (Tex.).....2121 P Street  
A. B., 1920, George Washington University. *Topics:* Major, Mathematics; Minors, Sociology, Law
- \*MINER, HELEN (Ohio).....The Kenesaw  
A. B., 1920, George Washington University. *Topics:* Major, Economics; Minor, English
- MONEYWAY, JAMES LEWIS L. (Ala.).....3212 19th Street  
A. B., 1912, George Washington University. *Topics:* Major, English; Minors, French, History
- MOORE, MILDRED J. (Va.).....111 Tennessee Avenue, N. E.  
A. B., 1920, George Washington University. *Topics:* Major, English; Minors, Latin, Education
- Capitol Heights, Md. \*MOSS, CLAUDE R. (N. C.).....  
A. B., 1897, Young Harris College; LL. M., 1921, National Law School. *Topics:* Major, Ethnology; Minor, International Law
- MUCCIO, JOHN J. (R. I.).....1801 G Street  
Ph. B., 1921, Brown University. *Topics:* Major, Political Science; Minors, Political Science, Commerce
- MURPHY, MABEL GRANT (Ind.).....2036 Allen Place  
A. B., 1912, Butler College. *Topics:* Major, English; Minors, English, Latin
- MUSSMAN, MICHAEL ANGELO (Pa.).....Y. M. C. A.  
A. B., 1921, George Washington University. *Topics:* Major, Political Science; Commerce, Political Science
- Minors, Law, English
- NAYLOR, ESTILL E. (Mo.).....Ballston, Va.  
A. B., 1921, George Washington University. *Topics:* Major, History; Minors,



- NELSON, NORMAN J. (N. D.).....16 Hamilton Street, Brentwood, Md.  
 A. B., 1917, George Washington University. *Topics:* Major, English; Minors, English, Spanish
- NEVINS, RUEY (D. C.).....1421 Columbia Road  
 A. B., 1917, George Washington University. *Topics:* Major, English; Minors, English, Architecture
- NEWLOVE, IVADIEL E. (N. D.).....2109 F Street  
 A. B., 1921, George Washington University. *Topics:* Major, Commerce; Minors, Commerce, Economics
- NEWTON, WILLIAM LEE (Ind.).....3432 Lowell Street  
 A. B., 1921, Indiana State Normal College. *Topics:* Major, Chemistry; Minors, Chemistry, Philosophy
- NUTTER, VIRBROOK (D. C.).....624 Carroll Avenue, Takoma Park  
 A. B., 1920, Washington Missionary College. *Topics:* Major, History; Minors, Philosophy, Political Science
- ORR, CLEM I. (D. C.).....2017 I Street  
 B. S., 1889, Wellesley College. *Topics:* Major, English
- PABRETT, ELSIE M. (D. C.).....3554 11th Street  
 Ph. B., 1909, Dakota Wesleyan University. *Topics:* Major, English; Minor, Philosophy
- PATISON, GUS M. (Tex.).....George Washington University  
 A. B., 1917, Texas Christian University. *Topics:* Major, Spanish; Minors, Spanish, Education
- PETERSON, EMMETT J. (Calif.).....246 House Office Bldg.  
 A. B., 1921, George Washington University. *Topics:* Major, Political Science; Minors, History, Commerce
- PHILIPS, HAROLD A. (Mass.).....St. Albans School  
 A. B., 1920, Brown University. *Topics:* Major, Sociology; Minors, Education, Political Science
- REEVE, FELICIA ANN (D. C.).....3217 19th Street  
 A. B., 1917, George Washington University. *Topics:* Major, French; Minors, French, Spanish
- \*RENSHAW, ANNIE T. (N. C.).....2109 F Street  
 A. B., 1921, George Washington University. *Topics:* Major, Sociology; Minors, Philosophy, English
- RING, GRETCHEN (D. C.).....5521 Potomac Avenue  
 A. B., 1920, George Washington University. *Topics:* Major, Sociology; Minors, Sociology, Education
- ROSE, MARY E. (D. C.).....2963 Tilden Street  
 A. B., 1921, George Washington University. *Topics:* Major, English; Minors, Education, History
- RUE, HAROLD P. (Pa.).....8020 Dent Place  
 A. B., 1920, George Washington University. *Topics:* Major, Chemistry; Minors, Chemistry, Geology
- SCOTT, PAULINE (D. C.).....2000 16th Street  
 A. B., 1921, George Washington University. *Topics:* Major, Sociology; Minors, Economics, Education
- †SHABSHLOWITZ, THEODORE (N. Y.).....802 M Street  
 A. B., 1917, College of City of New York; Rabbi, 1921, Jewish Theological Seminary. *Topics:* Major, Semitics; Minors, Education, Sociology
- SHELLEDY, FREDERICK H. (Mo.).....Hyattsville, Md.  
 B. S. in Agri., 1917, Missouri University. *Topics:* Major, Economics; Minor, Commerce
- SHEILHAAS, JOSEPH B. (Ohio).....300 Carroll Street, Takoma Park  
 A. B., 1917, Washington Missionary College. *Topics:* Major, Philosophy; Minors, Sociology, English
- \*SLIGH, JOHN H. (D. C.).....1709 Q Street  
 A. B., 1910, Newberry College. *Topics:* Major, Commerce; Minors, Commerce, Economics
- SLOANE, MRS. ANNA B. (Minn.).....Hotel Burlington  
 A. B., 1921, George Washington University. *Topics:* Major, Commerce; Minors, Ethnology, Economics
- SMITH, EDNA S. (Mich.).....311 C Street  
 A. B., 1920, George Washington University. *Topics:* Major, Psychology; Minors, English, Sociology
- \*SMITH, MARGARET M. (Md.).....Riverdale, Md.  
 A. B., 1921, George Washington University. *Topics:* Major, Economics; Minor, History

- SORGEN, EDNA LOUISE (Ohio).....1012 Park Road  
A. B., 1918, Oberlin College. *Topics:* Major, English; Minors, English, French
- SPANOGLE, MRS. LELLA WARREN (D. C.).....1756 Columbia Road  
A. B., 1921, George Washington University. *Topics:* Major, English; Minors, English, Political Science
- \*SPRINGSTON, GEORGE BAILLIE (Ill.).....1758 N Street  
A. B., 1921, George Washington University. *Topics:* Major, History; Minors, English, Political Science
- STALLINGS, MILDRED E. (Md.).....108 Tennessee Avenue, N. E.  
A. B., 1921, George Washington University. *Topics:* Major, Education
- \*STEECE, HENRY M. (S. C.).....1736 G Street  
B. S., 1918, Louisiana State University. *Topics:* Major, Commerce; Minor, English
- STEVENS, CHESTER D. (Mass.).....2017 H Street  
B. S., 1919, Massachusetts Agricultural College. *Topics:* Major, Economics; Minor, Commerce
- STIRLING, MATTHEW (Calif.).....1929 K Street  
A. B., 1920, University of California. *Topics:* Major, Ethnology; Minor, Archaeology
- TERRY, LEO CLAUDE (Pa.).....1733 N Street  
A. B., 1919, George Washington University. *Topics:* Major, English; Minor, History
- THOMAS, LISLE (Mich.).....1420 R Street  
A. B., 1917, George Washington University. *Topics:* Major, Commerce; Minor, Law
- \*TSAI, SHUN-LI (China).....2312 19th Street  
A. B., 1919, Peking Government University. *Topics:* Major, Commerce; Minors, Commerce, Philosophy
- UNDERWOOD, M. LOUISE (D. C.).....115 21st Street, S. E.  
A. B., 1919, George Washington University. *Topics:* Major, Commerce; Minors, Economics, Sociology
- VAN MEETER, GARRETT O. (D. C.).....Mt. Alto Hospital  
B. S., 1892, Valparaiso University; LL. B., 1894, Indiana Law School. *Topics:* Major, Psychology; Minor, Psychology, Philosophy
- VAN NEESE, ETHEL M. (N. J.).....1320 15th Street  
A. B., 1921, George Washington University. *Topics:* Major, English; Minors, Sociology, Philosophy
- \*VANZEE, LILY (Iowa).....3314 Warder Street  
A. B., 1915, Central College. *Topics:* Major, English; Minors, Philosophy, Economics
- VLIET, ANDREW M. (Ind.).....1105 O Street  
A. B., 1921, George Washington University. *Topics:* Major, Political Science; Minors, History, Commerce
- VOTAW, HEBER H. (Ohio).....800 Carroll Avenue, Takoma Park  
A. B., 1919, George Washington University. *Topics:* Major, Psychology
- WAGNER, HARDESTY E. (Md.).....1720 H Street  
A. B., 1921, Washington Missionary College. *Topics:* Major, Education; Minors, Commerce, Philosophy
- †WALKER, SARA LOUISE (Ga.).....1333 Valley Place, S. E.  
A. B., 1921, Randolph-Macon College. *Topics:* Major, English; Minors, English, Philosophy
- †WARD, ALINE (S. C.).....Cavanaugh Courts, German  
A. B., 1914, Hollins College. *Topics:* Major, English; Minors, English
- \*WASHBURN, RAYMOND (N. Y.).....1736 G Street  
B. S., 1912, Cornell University. *Topics:* Major, Economics and Sociology; Minor, Commerce
- \*WEBER, ELIZABETH A. (N. C.).....1511 Park Road  
A. B., 1915, George Washington University. *Topics:* Major, Political Science; Minors, Political Science, History
- WHEATLEY, MARY E. (Va.).....2158 F Street  
A. B., 1920, George Washington University. *Topics:* Major, Political Science; Minors, Education, Psychology
- WHITFORD, BESSIE (D. C.).....8369 18th Street  
A. B., 1917, George Washington University. *Topics:* Major, English; Minors, English, Philosophy
- WHITLOCK, CAROLYN (Ind.).....1364 Harvard Street  
A. B., 1910, Valparaiso University; B. Pg., 1912, Valparaiso University. *Topics:* Major, English; Minor, History



- WIEHL, DOROTHY G. (Mo.).....1801 I Street  
A. B., 1917, University of Wisconsin. *Topics:* Major, Economics; Minor, Philosophy
- WILEY, ARCHER (Utah).....800 L Street  
B. S., 1916, Agricultural College, Utah. *Topics:* Major, History; Minor, English
- WILLIS, MRS. VIRGINIA B. (Ala.).....Richmond Hotel  
A. B., 1921, George Washington University. *Topics:* Major, English; Minors, Political Science, Spanish
- WOLCOTT, MRS. MARTRENA W. (Wis.).....1234 Crittenden Street  
A. B., 1918, University of Wisconsin. *Topics:* Major, English; Minor, Education
- WOLMAN, RENA (Md.).....904 Longfellow Street  
A. B., 1921, George Washington University. *Topics:* Major, Psychology; Minors, Psychology, English
- YOUNG, GROVER C. (S. D.).....E. Falls Church, Va.  
A. B., 1921, George Washington University. *Topics:* Major, English; Minors, English, Education

## MASTER OF SCIENCE

- ALTRUP, FELIX WILLIAM (Va.).....1812 N Street  
A. B., 1920, Roanoke College. *Topics:* Major, Chemistry; Minors, Chemistry, Mechanical Engineering
- BARKER, FORREST ALLEN (N. H.).....1420 Webster Street  
B. S., 1920, New Hampshire College. *Topics:* Major, Chemistry
- BARNES, JESSE WRIGHT (Calif.).....1029 22d Street  
A. B., 1917, University of California. *Topics:* Major, Chemistry; Minors, Astrophysics, Philosophy
- BIRTWELL, BERTHA (D. C.).....123 12th Street  
A. B., 1908, George Washington University. *Topics:* Major, Mathematics; Minors, Astrophysics, Education
- BRADLEY, MARY ALICE (Ind.).....1104 M Street  
A. B., 1918, Franklin College. *Topics:* Major, Botany; Minors, Botany, Zoology
- BROWN, JOHN STAFFORD (Mo.).....1909 G Street  
B. S., 1917, Missouri School of Mines. *Topics:* Major, Geology; Minors, Ethnology, Geology
- BURTON, OLIVER E. (W. Va.).....Mt. Rainier, Md.  
A. B., 1920, George Washington University. *Topics:* Major, Chemistry; Minors, Chemistry, Mathematics
- BUTKIEWICZ, JOHN K. (D. C.).....1335 H Street  
D. D. S., 1916, A. B., 1920, George Washington University. *Topics:* Major, Histology; Minor, Bacteriology
- CARSON, FREDERICK THOMAS (Tex.).....102 Northbrook Courts  
A. B., 1915, Simmons College. *Topics:* Major, Chemistry
- COLLINS, RUTH M. (N. H.).....2930 Upton Street  
B. S., 1918, Simmons College. *Topics:* Major, Physics; Minors, Physics, Mathematics
- DAVIS, THOMAS ALLAN (D. C.).....635 I Street  
B. S. in Eng., 1921, George Washington University. *Topics:* Major, Chemistry; Minors, Chemistry, Geology
- \*DURGIN, CHARLES B. (N. H.).....1420 Webster Street  
B. S., 1918, New Hampshire College. *Topics:* Major, Chemistry; Minor, Chemistry
- †EISEMAN, JOHN H. (D. C.).....1205 Kenyon Street  
B. S., 1921, University of Maryland. *Topics:* Major, Chemistry
- ERNEST, ALGERNON S. (Va.).....Alexandria, Va.  
B. S., 1897, Tulane University. *Topics:* Major, Chemistry
- FLURY, HENRY (N. J.).....1917 G Street  
B. S., 1912, University of Pennsylvania. *Topics:* Major, Sociology; Minors, Psychology, Ethnology
- FOSTER, MARGARET D. (D. C.).....2113 F Street  
A. B., 1918, Illinois College. *Topics:* Major, Chemistry
- GEIST, ROBERT L. (Conn.).....1842 Calvert Street  
C. E., 1917, Rensselaer Polytechnic Institute. *Topics:* Major, Chemistry; Minor, Electricity
- GODFREY, CLARENCE M. (D. C.).....225 E Street  
A. B., 1921, George Washington University. *Topics:* Major, Physics; Minor, Mathematics
- GREGORY, ROY W. (Va.).....2011 Rodman Street  
Chem. E., 1920, University of Virginia. *Topics:* Major, Chemistry; Minor, Applied Mathematics

- GUTHRIE, LEROY R. (Oreg.).....2945 Tilden Street  
B. S. in M. E., 1918, Oregon State Agricultural College. *Topics:* Major, Physics; Minors, Mechanical Engineering, Chemistry
- \*HAZLEWOOD, FRED (England).....310 R Street  
B. S., 1921, Pennsylvania State College. *Topics:* Major, Chemistry; Minors, Chemistry, Sociology
- \*HAZEN, WILLIAM (N. Y.).....1320 L Street  
B. S., 1913, City College, New York. *Topics:* Major, Bacteriology; Minors, Chemistry
- HOOKE, MILDRED W. (Vt.).....1104 M Street  
Ph. B., 1921, University of Vermont. *Topics:* Major, Physics; Minors, Mathematics, Physics
- JINKINS, ROSEWELL (Va.).....1313 Rhode Island Avenue  
B. S., 1918, Randolph-Macon College. *Topics:* Major, Chemistry; Minors, Chemistry, Preventive Medicine
- KIMBALL, HERBERT C. (Ill.).....1810 Monroe Street  
A. B., 1916, Dartmouth College. *Topics:* Major, Chemistry; Minors, Chemistry, Physics
- MARALDI, CARL F. (Mass.).....1335 H Street  
A. B., 1921, George Washington University. *Topics:* Major, Physiology; Minors, Preventive Medicine, Psychology
- MARKS, FRANK HENRY (D. C.).....1440 W Street  
B. S., 1921, George Washington University. *Topics:* Major, Chemistry; Minors, Chemistry, Geology
- †MARLOWE, MABEL (Wash.).....1341 S. C. Avenue, S. E.  
A. B., 1922, George Washington University. *Topics:* Major, Physics; Minors, Physics, Chemistry
- MARTIN, JAMES BLAINE (Kans.).....1337 L Street  
A. B., 1915, Fairmont College, Wichita, Kans. *Topics:* Major, Chemistry; Minors, Physics, Bacteriology
- MARTIN, LEE R. (D. C.).....1730 M Street  
B. S., 1921, Virginia Military Institute. *Topics:* Major, Chemistry; Minor, Chemistry
- MATTACK, MARION BROOKS (Fla.).....2106 18th Street  
B. S., 1921, University of Florida. *Topics:* Major, Chemistry; Minors, Chemistry, Bacteriology
- \*MENGERT, WILLIAM F. (D. C.).....Gallaudet College, Kendall Green  
B. S., 1921, Haverford College. *Topics:* Major, Zoology; Minors, Zoology, Chemistry
- MOONEY, RAYMOND (Ill.).....Walter Reed Hospital  
B. S., 1916, University of Illinois. *Topics:* Major, Engineering; Minor, Geology
- MOORE, FRANK DEANE (D. C.).....1324 Euclid Street  
A. B., 1918, George Washington University; A. M., 1919, George Washington University. *Topics:* Major, Geology; Minors, Chemistry, Ethnology
- MOTTERN, ALBERT JOSEPH (Ohio).....2517 Wisconsin Avenue  
A. B., 1921, George Washington University. *Topics:* Major, Chemistry; Minors, Chemistry, Civil Engineering
- MOULTON, STANLEY C. (Va.).....1820 G Street  
B. S., 1918, University of Virginia. *Topics:* Major, Chemistry; Minors, Chemistry, Mathematics
- NEUMANN, META A. (D. C.).....449 Irving Street  
A. B., 1917, George Washington University. *Topics:* Major, Pathology; Minor, Psychology
- NEWBOLD, PATTY T. (Ky.).....1853 Newton Street  
B. S., 1914, University of Chicago. *Topics:* Major, Botany; Minors, Botany, Ornithology
- †PHELPS, MRS. ANNABELLE W. (D. C.).....Wardman Park Hotel  
A. B., 1922, George Washington University. *Topics:* Major, Geology; Minors, Geology, Archaeology
- PROBERT, THOMAS F. (D. C.).....3013 Cambridge Place  
A. B., 1921, George Washington University. *Topics:* Major, Chemistry; Minors, Chemistry, Preventive Medicine
- \*RILEY, ALBERT A. (Ohio).....1760 Euclid Street  
B. S., 1921, Phar. D., 1916, George Washington University. *Topics:* Major, Geology; Minors, Geology, Zoology
- RUSSELL, PAUL GEORGE (N. Y.).....3523 Warder Street  
A. B., 1916, George Washington University. *Topics:* Major, Botany; Minors, Botany, Paleontology
- RYAN, RICHARD LEE (D. C.).....1215 Euclid Street  
A. B., 1920, George Washington University. *Topics:* Major, Chemistry; Minors, Chemistry, Geology



- SCHAEFFER, JACOB M. (D. C.).....7 Oak Place, Bethesda, Md.  
B. S., 1918, George Washington University. *Topics*: Major, Biochemistry;  
Minors, Bacteriology, Preventive Medicine
- SMITH, WILEY C. (Miss.).....1914 Riggs Place  
A. B., 1916, Mississippi College. *Topics*: Major, Chemistry; Minors, Chem-  
istry, Bacteriology
- \*SNYDER, CLARENCE LANE (Okla.).....5835 Colorado Avenue  
B. S., 1914, Colorado State University. *Topics*: Major, Chemistry; Minor,  
Chemistry
- SPURR, FRANK A. (Iowa).....2325 14th Street  
B. S. in Chem., 1921, George Washington University. *Topics*: Major, Geol-  
ogy; Minors, Geology, Chemistry
- TAYLOR, JAMES NORMAN (Del.).....2021 F Street  
B. S. in Chem., 1918, George Washington University. *Topics*: Major, Chem-  
istry; Minors, Preventive Medicine, Geology
- THOMAS, CARROLL TRUETT (Va.).....Bureau of Standards  
B. S., 1920, University of Richmond. *Topics*: Major, Chemistry; Minors,  
Chemistry, Mathematics
- TIBBITTS, GORDON C. (D. C.).....321 Essex Avenue, Chevy  
Chase  
B. S. in Chem., 1921, George Washington University. *Topics*: Major, Chem-  
istry; Minors, Chemistry, Astrophysics
- TILTON, LE ROY WILLIAM (Tex.).....917 Longfellow Street  
A. B., 1920, George Washington University. *Topics*: Major, Chemistry;  
Minors, Physics, Mathematics
- \*TOLL, INGEBORG M. (N. Y.).....1340 Randolph Street  
Ph. B., 1919, Brown University. *Topics*: Major, Geology; Minors, Chem-  
istry, Physics
- TONKIN, WILLIAM H. (D. C.).....2121 15th Street  
B. S. in Chem., 1921, George Washington University. *Topics*: Major, Chem-  
istry; Minors, Astro-Physics, Geology
- \*VAN ESELTINE, GLEN PARKER (N. Y.).....115 Baltimore Avenue, Ta-  
koma Park  
A. B., 1913, Syracuse University. *Topics*: Major, Botany; Minors, Botany,  
Zoology
- VANICK, JAMES S. (Ohio).....2034 F Street  
B. S., 1917, Case School of Applied Science. *Topics*: Major, Geology
- WHITE, ERNEST C. (Va.).....1740 K Street  
A. B., 1910, Randolph-Macon College. *Topics*: Major, Chemistry; Minors,  
Chemistry, Physics
- WHITTAKER, COLIN (Ill.).....3519 Lowell Street  
A. B., 1919, Fairmont College. *Topics*: Major, Chemistry
- WILLIS, WARREN J. (Minn.).....Patent Office  
Graduate U. S. Naval Academy, 1912, A. B., 1914, A. M., 1919, George  
Washington University. *Topics*: Major, Mathematics; Minors, Electrical  
Engineering, Philosophy
- YOUNG, JAMES L. (D. C.).....26th and G Streets, Chem-  
istry Department  
B. S. in Chemistry, 1917, George Washington University. *Topics*: Major,  
Chemistry; Minors, Chemistry, Physics

## CIVIL ENGINEER

- ASMUS, LEWIS DURAND (N. J.).....810 11th Street, N. E.  
B. S. in Civil Engineering, 1918, Drexel Institute. *Topics*: Major, Civil Engi-  
neering; Minors, Geology, Mechanical Engineering

## DOCTOR OF PHILOSOPHY

- \*ADAMS, JOHN WINFIELD (Md.).....Mt. Rainier, Md.  
B. S., 1915, A. M., 1916, Northwestern University. *Topics*: Major, Commerce;  
Minor, Economics
- ADKINS, HARTWELL STANSBURY (Md.).....642 C Street, N. E.  
A. B., 1908, Washington & Lee; A. M., 1920, George Washington Univer-  
sity. *Topics*: Major, Political Science; Minors, Economics, History
- BAER, JOHN LEONARD (Pa.).....The Maury  
A. B., 1920, M. S., 1921, George Washington University. *Topics*: Major,  
Archaeology; Minors, Zoology, Ethnology
- BALL, CHARLES OLIN (D. C.).....1739 H Street  
A. B., 1920, George Washington University. *Topics*: Major, Chemistry;  
Minors, Applied Mathematics, Electrical Engineering

- \*BASS, NATHAN WOOD (Kans.).....1114 M Street  
B. S., 1917, Kansas Agricultural College; M. S., 1922, George Washington University. *Topics:* Major, Geology; Minors, Geology, Zoology
- BAYLY, MARGARET (D. C.).....1656 Monroe Street  
A. B., 1914, A. M., 1916, George Washington University. *Topics:* Major, English; Minors, English, History of Art
- BOWLES, OLIVER (Va.).....Alexandria, Va.  
A. B., 1907, A. M., 1908, University of Toronto. *Topics:* Major, Geology; Minors, Geology, Chemistry
- BUCHANAN, RUTH (Pa.).....1822 I Street  
B. S., 1919, University of Pittsburg; M. S., 1920, George Washington University. *Topics:* Major, Chemistry; Minors, Bacteriology, Preventive Medicine
- \*BURTON, MRS. HENRIETTA K. (Wyo.).....1725 17th Street  
B. S. T. C., 1915, Columbia University; A. M., 1919, University of Wyoming. *Topics:* Major, Education; Minors, Philosophy, Sociology
- CARR, ELMA B. (Ky.).....Bureau of Labor Statistics  
A. B., 1920, A. M., 1921, George Washington University. *Topics:* Major, Economics; Minors, Commerce, Political Science
- CHAPIN, EDWARD ALBERT (Mass.).....1358 B Street, S. W.  
Ph. B., 1916, Yale University; M. S., 1917, Massachusetts Agricultural College. *Topics:* Major, Zoology; Minors, Ornithology, Geology
- CORY, ERNEST NEAL (Md.).....College Park, Md.  
B. S., 1909, M. S., 1912, Maryland Agricultural College. *Topics:* Major, Zoology; Minors, Zoology, Botany
- COTTON, RICHARD THOMAS (England).....10 Sycamore Street, Takoma Park  
B. S., 1914, M. S., 1918, Cornell University. *Topics:* Major, Zoology; Minors, Zoology, Botany
- DANIEL, ROBERT CLINTON (Va.).....2017 H Street  
A. B., 1909, Virginia Christian College; A. M., 1921, George Washington University. *Topics:* Major, Economics; Minors, Commerce, Political Science
- DAY, HERRERT E. (D. C.).....8 Kendall Green  
A. M., 1900, George Washington University. *Topics:* Major, Education; Minors, History, English
- DYAR, EDNA GERRISH (Minn.).....X-Y Bldg., Govt. Hotels  
A. B., 1914, University of Wisconsin. *Topics:* Major, Pathology; Minors, Pathology, Psychology
- GERSDORFF, WILBUR AUGUST (D. C.).....1825 North Capitol Street  
B. S., 1918, M. S., 1920, George Washington University. *Topics:* Major, Geology; Minors, Paleontology, Zoology
- \*GIDLEY, JAMES WILLIAMS (D. C.).....1339 Meridian Place  
B. S., 1898, M. S., 1901, Princeton University. *Topics:* Major, Geology; Minors, Geology, Zoology
- \*GRAHAM, JAMES J. T. (Md.).....9 Avon Avenue, Hyattsville, Md.  
B. S., 1906, M. S., 1917, Maryland State Agricultural College. *Topics:* Major, Chemistry; Minors, Chemistry, Astrophysics
- GRANT, DUDLEY HOPKINS (Ohio).....1495 Newton Street  
B. S., 1914, University of Chicago; M. S., 1917, George Washington University. *Topics:* Major, Chemistry; Minors, Preventive Medicine, Geology
- GRAVATT, GEORGE F. (Md.).....5 Leland Street, Chevy Chase, Md.  
B. S., 1911, M. S., 1912, Virginia Polytechnic Institute. *Topics:* Major, Botany; Minors, Bacteriology, Zoology
- GREENLEAF, WALTER JAMES (Me.).....1012 17th Street  
A. B., 1912, Bowdoin College; A. M., 1918, Princeton University. *Topics:* Major, Psychology; Minors, Psychology, Physiology
- GRIFFIN, EDWARD LAWRENCE (D. C.).....229 Rock Creek Church Road  
A. B., 1911, B. S., 1912, M. S., 1918, University of Kansas. *Topics:* Major, Chemistry; Minors, Chemistry, Bacteriology
- HAMILTON, BONIFANT (D. C.).....3135 24th Street, N. E.  
B. S., 1918, M. S., 1920, George Washington University. *Topics:* Major, Chemistry; Minors, Electro-Chemistry, Bacteriology
- HAYES, MURRAY OSWALD (Utah).....710 A Street, N. E.  
A. B., 1914, Brigham Young University; M. S., 1920, George Washington University. *Topics:* Major, Geology; Minors, Geology, Zoology
- HENRY, JERRY MAURICE (Va.).....337 North Carolina Avenue  
A. B., 1909, Bridgewater College; A. M., 1919, George Washington University. *Topics:* Major, History; Minors, History, Education



- HODGKINS, GEORGE WILSON (D. C.).....1821 Kalarama Road  
A. B., 1915, George Washington University; A. M., 1916, George Washington University. *Topics*: Major, Education; Minors, Economics, History
- HOLMES, GRACE B. (D. C.).....721 Shepherd Street  
B. S., 1919, University of Maryland. *Topics*: Major, Botany; Minors, Botany, Geology
- HUTCHINSON, MILDRED (Mass.).....1878 Phelps Place  
A. B., 1915, Smith College. *Topics*: Major, Spanish; Minor, French
- KEENAN, GEORGE LAWRENCE (Mich.).....1337 Taylor Street  
B. S., 1911, A. M., 1912, University of Michigan. *Topics*: Major, Mineralogy; Minors, Botany, Chemistry
- KEFAUVER, HARRY J. (Md.).....2107 H Street  
A. B., 1909, A. M., 1901, University of Maryland. *Topics*: Major, Education; Minors, Education, Psychology
- KUPJIAN, GABRIEL (N. Y.).....Takoma Park, D. C.  
A. B., 1920, Washington Missionary College; A. M., 1921, George Washington University. *Topics*: Major, Psychology; Minors, Psychology, Philosophy
- \*LILJENCRANTS, CARL JOHAN R. (D. C.).....727 5th Street  
A. M., 1918, Loyola College; S. T. B., 1915; S. T. D., 1918, Catholic University. *Topics*: Major, Psychology; Minors, Psychology, Psychiatry
- LOWE, EDITH B. (D. C.).....2622 Woodley Place  
A. B., 1911, A. M., 1912, George Washington University. *Topics*: Major, English; Minors, Archaeology, History
- LUGENBILL, PHILIP (S. C.).....Bureau of Entomology  
B. S. A., 1910, Ohio State University; A. M., 1917, University of South Carolina. *Topics*: Major, Zoology; Minors, Botany, Zoology
- MCARTHUR, LOUIS EUGENE (Utah).....2112 F Street  
B. Pd., 1897, Brigham Young University; A. B., 1916, A. M., 1917, George Washington University. *Topics*: Major, Political Science; Minors, History, Economics
- MAHR, ERNEST FREDERICK (N. Y.).....113 B Street, S. E.  
B. S., 1917, Syracuse University. *Topics*: Major, Pathology; Minors, Pathology, Psychology
- MEISINGER, CLARENCE LE ROY (Neb.).....3331 Stephenson Place,  
Chevy Chase  
B. Sc., 1917, University of Nebraska; M. S., 1920, George Washington University. *Topics*: Major, Meteorology; Minors, Meteorology, Astrophysics
- MELCHER, ARLES FRANCIS (Ill.).....4115 Emery Place  
B. S., 1907, M. S., 1909, Central College, Fayette, Mo. *Topics*: Major, Geology; Minors, Mineralogy, Physics
- MURMAN, JOHN CHARLES (D. C.).....1701 Park Road  
A. M., 1916, George Washington University. *Topics*: Major, Education; Minors, Education, Sociology
- MUHL, ANITA MARY (Ind.).....St. Elizabeth's Hospital  
B. S., 1918, M. D., 1920, Indiana University. *Topics*: Major, Psychopathology; Minors, Psychiatry, Psychopathology
- O'ROUKE, LAWRENCE JAMES (Wis.).....1800 Virginia Avenue  
A. B., 1915, Lawrence College. *Topics*: Major, Psychology; Minors, Psychopathology, Education
- PIERCE, ROY GIFFORD (Neb.).....6813 5th Street, Takoma  
Park  
A. B., 1907, B. S., 1907, University of Nebraska; M. S., 1908, University of Michigan. *Topics*: Major, Botany; Minors, Botany, Zoology
- RAINE, WENDELL PHILLIPS (D. C.).....1731 S Street  
B. S. in E. E., 1907, A. M., 1911, University of Pennsylvania. *Topics*: Major, Commerce; Minors, Political Science, Sociology
- RIPPENBURG, HARRY B. (D. C.).....The Northumberland  
A. B., 1915, A. M., 1917, University of Denver. *Topics*: Major, Chemistry; Minors, Chemistry, Physics
- ROE, JOSEPH HYRAM (Va.).....1335 H Street  
A. B., 1916, Roanoke College; A. M., 1917, Princeton University. *Topics*: Major, Chemistry; Minors, Chemistry, Physiology
- ROSS, CYCIL LYLEL (D. C.).....418 22d Street  
A. B., 1918, Washington Missionary College; A. M., 1921, George Washington University. *Topics*: Major, Education; Minors, History, Psychology
- SAUNDERS, ELEANORA BENNETTE (S. C.).....Sheppard Hospital, Baltimore  
B. S., 1901, Chicago College; M. D., 1907, Medical College of South Carolina. *Topics*: Major, Psychology; Minors, Psychology, Psychiatry
- SCHMITT, WALDO LASALLE (D. C.).....2233 18th Street  
B. S., 1912, George Washington University; A. M., 1916, University of California. *Topics*: Major, Zoology; Minors, Zoology, Paleontology

- \*SMITH, CHARLES M. (D. C.).....309 Tennessee Avenue, N. E.  
B. S. in Chem., 1910, University of Pennsylvania. *Topics:* Major, Chemistry; Minors, Chemistry, Physics
- STEVENSON, JOHN ALBERT (Porto Rico).....4113 Emery Place  
B. S. in Forestry, 1912, University of Minnesota. *Topics:* Major, Botany; Minors, Botany, Zoology
- TICE, REBECCA E. (Pa.).....N-O Bldg., Govt. Hotels  
B. S., 1916, Albright College. *Topics:* Major, Pathology; Minors, Pathology, Psychology
- WINTER, FRANKLIN I. (Mich.).....910 Maryland Avenue, N. E.  
A. B., 1913, Colgate University. *Topics:* Major, Philosophy; Minors, Ethics, History
- WRIGHT, GRACE VIOLA (D. C.).....The Montgomery  
A. B., 1919, A. M., 1920, George Washington University. *Topics:* Major, Psychology; Minors, Psychology, Philosophy
- YEN, EN TSUNG (China).....2015 19th Street  
A. B., 1918, Shanghai Baptist College; A. M., 1920, George Washington University. *Topics:* Major, Political Science; Minors, History, Philosophy

## COLUMBIAN COLLEGE

## Bachelor of Arts

- Abel, Mary E. (IV, 82)
- Abramson, Bertha A. (II, 0)
- Abramson, Herbert (II, 21)
- †Adams, Harry K. (II, 47)
- Alken, Carolyn Bacome (II, 99)
- Aiken, Sam Bacome (II, 109)
- †Albright, Robert C. (II, 0)
- Alexander, Augusta (II, 0)
- Alexander, Mabel C. (III, 78)
- Alexander, Maxie M. (I, 108)
- Alexander, Susan (IV, 28)
- Alford, Charles C. (IV, 21)
- \*Alseen, Myrtle F. C. (IV, 114½)
- Alsop, Nellie (IV, 101)
- Alsop, Pattie (IV, 0)
- Amelung, Mina C. (I, 30)
- Amea, Mary Olive (II, 75)
- †Anderson, Rev. Soren C. (II, 90)
- Anderson, Aleatha (V, 56)
- \*Anderson, Edith A. (IV, 53½)
- \*Anderson, Marjorie (II, —)
- Anderson, Nell T. (II, 66)
- Anderson, Thomas M. (II, 4)
- Ashford, Alice M. (II, 83)
- Atkins, Craig S. (III, 28 2-3)
- Atkins, Kathleen E. (II, 29)
- Atkinson, Phyllis L. (II, 0)
- Austin, Violet K. (II, 39)
- Ayres, Margaret (II, 94)
- Ayres, Pauline (II, 0)
- Bailey, Marion V. (IV, 12)
- †Bailey, W. Worth, Jr. (II, 7)
- \*Baines, Thelma A. (IV, 0)
- Baker, Courtland D. (II, 72)
- Baker, Perry R. (IV, 27½)
- Baker, Robert A. (IV, 0)
- †Baldwin, Alice (II, 60)
- \*Ball, Virginia Shanabarger (II, 0)
- Baltzell, George F., Jr. (II, 0)
- \*Barksdale, Alice A. (II, 38)
- Barlow, R. Geraldine (IV, 43)
- \*Barr, Mary F. (III, 0)
- Barrow, Mary G. (II, 24)
- Bartholomew, Wilmer T. (III, 44)
- Bartley, Dorothy V. (II, 0)
- III. 1223 Vermont Avenue
- D. C. 801 Fern Place
- D. C. 801 Fern Place
- S. C. Takoma Park, Box 4248
- Tenn. 1824 California Street
- Tenn. 1824 California Street
- D. C. 2203 1st Street
- D. C. 2032 15th Street
- Wash. 1320 15th Street
- N. C. 816 Connecticut Avenue
- Ill. R-S Bldg., Government Hotels
- Texas 917 18th Street
- Minn. 146 Meridian Place
- Tex. 1349 Girard Street
- D. C. 1349 Girard Street
- Ohio 3439 14th Street
- D. C. 1409 21st Street
- D. C. 1704 Y. M. C. A.
- W. Va. 707 20th Street
- Ill. Care Swedish Legation
- Kans. G-H Bldg., Government Hotels
- D. C. 1534 16th Street
- Md. Rockville, Md.
- N. Y. 924 C Street N. E.
- D. C. 1211 K Street
- D. C. 1211 K Street
- Colo. 6508 Ridgewood Place, Chevy Chase, Md.
- Md. 122 Willow Avenue, Takoma Park, Md.
- D. C. The Portner
- D. C. The Portner
- D. C. 1439 Fairmont Street
- Pa. 338 Maryland Avenue N. E.
- D. C. 1743 18th Street
- W. Va. 2153 Mt. Pleasant Street
- Mo. 4820 Iowa Avenue
- Fla. 423 10th Street
- D. C. The Argyle
- W. Va. Morgantown, W. Va.
- D. C. 1731 Columbia Road
- D. C. 1317 Kenyon Street
- D. C. 3495 Holmead Place
- D. C. 1817 1st Street
- D. C. 1013½ I Street N. E.
- D. C. 1209 Crittenden Street
- D. C. 114 W. Clifton Terrace



- Bassler, Robert S. (II, 0)  
 Bauer, Emma B. (IV, 39)  
 Baumonk, Ross S. (III, 161)  
 Bayne, Hazel M. (II, 12)  
 Beach, Jessie G. (II, 99)  
 \*Beall, Dorothy J. (IV, 0)  
 Beall, Isaac N. (III, 84)  
 Becker, Ferdinand E. (II, 37)  
 Becker, William S. (VI, 34)  
 \*Beckett, Edgar Wells (II, 148)  
 \*Beech, Rozier J. (VI, 30)  
 Begg, F. Eleanor (II, 0)  
 Behne, Joe C. (IV, 134)  
 Behne, Thomas D. (IV, 130)  
 Bender, Iva Allen (II, 0)  
 Bender, Leo (IV, 33)  
 Benfer, Mary C. (II, 62)  
 Bennett, Ava L. (II, 60)  
 \*Bent, Dorothy E. (II, 0)  
 Bergman, Gertrude (IV, 115)  
 Bergner, Gretchen A. (IV, 12)  
 \*Berlin, Charles K. (VI, 0)  
 Berliner, Alice E. (IV, 90)  
 Berry, Elizabeth M. (II, 0)  
 Berry, Ivan D. (IV, 0)  
 Berryman, Florence S. (II, 42)  
 Berryman, James T. (II, 21)  
 †Bertenshaw, John E. (VI, 0)  
 \*Betha, Liston P. (VI, 0)  
 Bettes, Ernest A. (IV, 0)  
 \*Bibbins, Mrs. Vivian L. (III, 0)  
 Bidwell, Mary E. (II, 0)  
 Bigler, Pearl E. (IV, 0)  
 \*Birch, Florence W. (II, 0)  
 Bischoff, Anna M. (II, 13)  
 Bixler, Mary E. (II, 0)  
 Black, Irvine (IV, 20)  
 \*Black, Owen (IV, 104)  
 Blake, Nelson M. (I, 36)  
 Bleker, Ross F. (V, 98½)  
 Bluehdorn, William R. (VI, 0)  
 Blum, Jeannette F. (IV, 80)  
 Boardman, Leona (III, 64½)  
 Bock, Ruth (II, 0)  
 Bogardus, Hester M. (II, 20½)  
 Bolton, Robert M. (IV, 0)  
 Bond, Samuel H. (IV, 51)  
 Booth, Nina M. (II, 0)  
 Borden, Hazel A. (III, 8)  
 Bowen, George L. (V, 105)  
 Bowen, Hilda C. (III, 83)  
 Bowen, James H. (IV, 0)  
 Bowen, Mary E. (II, 6)  
 Bowle, Margaret L. (IV, 0)  
 Bowker, Marian (II, 30)  
 Box, Mary M. (IV, 105)  
 Boyd, James I. (V, 82)  
 \*Boyd, Kenneth W. (III, 6)  
 Bracken, Dwight C. (IV, 61)  
 Braden, Mozelle E. (II, 78)  
 Bradford, Elizabeth H. (II, 0)  
 Bradford, Florence M. (II, 77)  
 \*Bradley, Guy F. (IV, 0)  
 †Bradley, Henry G. (V, 0)  
 Bradshaw, Max A. (III, 62)  
 Brady, Loretta (II, 0)  
 \*Brannen, Florence (IV, 115½)  
 \*Bray, Blanche R. (II, 9)  
 D. C.  
 Pa.  
 Ind.  
 N. Y.  
 Texas  
 D. C.  
 D. C.  
 Ind.  
 Ohio  
 D. C.  
 D. C.  
 D. C.  
 Okla.  
 Okla.  
 Ind.  
 Md.  
 D. C.  
 Ohio  
 Colo.  
 Iowa  
 D. C.  
 D. C.  
 D. C.  
 D. C.  
 Iowa  
 D. C.  
 D. C.  
 D. C.  
 Md.  
 Ark.  
 D. C.  
 N. Y.  
 Wis.  
 D. C.  
 Va.  
 D. C.  
 Iowa  
 Mo.  
 Md.  
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 Conn.  
 D. C.  
 Ohio  
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 D. C.  
 Ill.  
 N. Y.  
 Mass.  
 Kans.  
 D. C.  
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 D. C.  
 D. C.  
 D. C.  
 Texas  
 N. Y.  
 D. C.  
 Ala.  
 Va.  
 D. C.  
 Md.  
 Iowa  
 Del.  
 Va.  
 N. Y.  
 Ga.  
 Ill.  
 66 Bryant Street  
 A-B Bldg., Government Hotels  
 303 East John Street, Cham-  
 paign, Ill.  
 1860 Ingleside Terrace  
 U. S. National Museum  
 2016 Hillyer Place  
 176 Uhland Terrace  
 323 2d Street S. E.  
 4008 14th Street  
 710 Quincy Street  
 1662 Park Road  
 Fontanet Courts  
 Y. M. C. A.  
 Y. M. C. A.  
 1104 M Street  
 Silver Spring, Md.  
 3009 17th Street N. E.  
 U. S. National Museum  
 1801 K Street  
 1824 Biltmore Street  
 1432 F Street N. E.  
 The Ontario Apartment  
 1458 Columbia Road  
 1733 Columbia Road  
 1763 P Street  
 1754 Euclid Street  
 1754 Euclid Street  
 Akron Apartments  
 411 Cummings Lane, Chevy  
 Chase, Md.  
 1312 N Street  
 2301 Connecticut Avenue  
 1245 Everts Street N. E.  
 X-Y Bldg., Government Hotels  
 1635 R Street  
 Cherrydale, Va.  
 821 Massachusetts Avenue N. E.  
 1758 N Street  
 George Washington Inn  
 1736 G Street  
 1139 New Hampshire Avenue  
 43 W Street  
 3638 Nichols Avenue, Congress  
 Heights  
 1220 North Carolina Avenue  
 Conduit Road  
 McLean, Va.  
 3418 13th Street  
 1205 15th Street  
 2101 G Street  
 1501 Farragut Street  
 1829 19th Street  
 6 W. Melrose Street, Chevy  
 Chase, D. C.  
 1654 Hobart Street  
 1654 Hobart Street  
 3702 Keokuk Street  
 127 Rock Creek Church Road  
 1313 Kennedy Street  
 1755 Church Street  
 1441 Chapin Street  
 Kendall Green, D. C.  
 4002 Kansas Avenue  
 140 Rhode Island Avenue  
 Hyattsville, Md.  
 3320 16th Street  
 213 C Street S. E.  
 18 Hickory Avenue, Takoma  
 Park, Md.  
 Gordon Hotel  
 1812 K Street  
 2011 F Street

- Brethorst, Lydia (II, 28)  
 Brewer, Margaret G. (II, 75)  
 Bridges, Ildria (IV, 64½)  
 \*Bright, Daisy (IV, 22)  
 †Brillhart, Lena P. (II, 30)  
 Britten, Marion H. (IV, 66)  
 Brookley, Lora (II, 10)  
 Brooks, Janiero V. (II, 21)  
 \*†Brooks, W. Alton (III, 0)  
 Brown, Chauncey L. (III, 62)  
 Brown, Doris A. (III, 0)  
 Brown, Earl (VI, 63)  
 Brown, Erma (II, 106)  
 \*Brown, Etta M. (III, 0)  
 Brown, Frances I. (II, 18)  
 Brown, Francis W. (IV, 31½)  
 Brown, Georgia M. (III, 114)  
 Brown, Linus D. (III, 95)  
 Brown, Mary A. (IV, 39)  
 Brown, Omar J. (IV, 18)  
 Browne, Mary M. (II, 30)  
 \*†Browning, Rosemary (III, 9)  
 Bruner, Kenneth H. (IV, 27)  
 \*Bruno, Emilia M. (II, 25)  
 Bryan, H. Eugene (IV, 0)  
 Bryant, Katherine G. (II, 27)  
 Buchalter, Sarah (II, 0)  
 †Buckheister, George G. (IV, 0)  
 Bunch, Dollie M. (II, 4)  
 Buntin, E. Isabel (I, 0)  
 \*Burgess, Jeannette C. (II, 0)  
 Burgess, Sabra O. (IV, 20)  
 \*Burns, Howard E. (IV, 0)  
 Bursley, Harry C. (VI, 15)  
 Burton, Mrs. Elizabeth D. (IV, 0)  
 \*Burton, William C. (IV, 32)  
 Buschman, Kenneth J. (II, 0)  
 Bush, Grace (II, 0)  
 Bush, Henry C. (IV, 80)  
 Bushong, L. D. (IV, 26)  
 Butkiewicz, Mrs. Eugenia (II, 80)  
 \*Butrick, Richard P. (VI, 57)  
 \*Butterfield, Blanche (IV, 0)  
 Byars, Joseph C., Jr. (II, 87)  
 Caldwell, Millard L. (III, 49)  
 \*Campaign, Harry J. (VI, 57)  
 Campbell, Dorothea (II, 0)  
 Campbell, Elstun James (II, 0)  
 Campbell, Gretchen (II, 0)  
 Campbell, Lois E. (II, 54)  
 \*Canfield, K. E. (IV, 15)  
 Cantrell, William C. (V, 120)  
 Carle, Herbert M. (IV, 104½)  
 Carlton, Marguerite S. (II, 36)  
 \*Carpenter, Stewart G. (II, 0)  
 Carr, Margaret J. S. (II, 3)  
 Carroll, Ellen Lee (I, 111½)  
 \*Carruthers, Margery (II, 0)  
 Carver, Lynda M. (IV, 32)  
 Casanges, Alexander (IV, 12)  
 Caso, Valentino (V, 63)  
 Castle, Wanda R. (IV, 74)  
 \*Castleman, Frances F. (II, 3)  
 Caton, Margaret B. (II, 13½)  
 Cavanaugh, Frank J. (I, 108)  
 Cerceo, Alfred (II, 4)  
 Cerceo, A. Victor (II, 53)  
 Chaloner, Cathryn (II, 12)  
 Chan, Im-Hing (IV, 102)  
 Wash. 2006 G Street  
 Md. College Park, Md.  
 Ill. 2506 K Street  
 Miss. 1824 H Street  
 D. C. 2550 14th Street  
 Md. Riverdale, Md.  
 Ohio 2004 G Street  
 D. C. 4112 Ingomar Street, Chevy Chase, D. C.  
 Pa. Farnsboro Apartments  
 Maine 2807 26th Street  
 Mo. 1622 19th Street  
 D. C. 1916 F Street  
 Mo. Cavendish Apartments  
 Nebr. 918 M Street  
 D. C. 4606 15th Street  
 D. C. 214 13th Street N. E.  
 Minn. 531 12th Street S. E.  
 D. C. 57 Bryant Street  
 D. C. 4606 15th Street  
 N. C. 1327 Irving Street  
 D. C. 2726 Connecticut Avenue  
 D. C. 3300 Newark Street  
 Ind. 519 Harvard Street  
 D. C. 1468 Monroe Street  
 Ohio 1508 Park Road  
 D. C. 304 Rittenhouse Street  
 D. C. 1128 N. Capitol Street  
 Md. 1733 N Street  
 D. C. 1404 L Street  
 D. C. 53 Cedar Street, Takoma Park  
 D. C. 628 B Street N. E.  
 Ind. 2124 P Street  
 Colo. 1011 M Street  
 D. C. 4910 Arkansas Avenue  
 D. C. 224 11th Street S. E.  
 D. C. 424 8th Street N. E.  
 Minn. 1312 N Street  
 D. C. 922 F Street N. E.  
 Ind. 1312 N Street  
 Va. 2201 K Street  
 D. C. 1335 H Street  
 N. Y. 3617 Hall Place  
 Ohio T-U Bldg., Government Hotels  
 Va. Arlington, Va.  
 Va. Clarendon, Va.  
 Wis. 3320 16th Street  
 W. Va. 1869 Mintwood Place  
 Colo. 802 21st Street  
 Pa. 5611 14th Street  
 Pa. 5611 14th Street  
 D. C. 1223 Vermont Avenue  
 Texas 727 20th Street  
 Ohio 2300 18th Street  
 D. C. 3724 Northampton Street  
 D. C.  
 Md. X-Y Bldg., Government Hotels  
 Miss. 3101 13th Street  
 D. C. 30th and Gates Road  
 Va. 200 N. Columbus Street, Alexandria, Va.  
 D. C. 204 E. Capitol Street  
 N. Y. 1417 K Street  
 Texas 1747 F Street  
 Va. E. Falls Church, Va.  
 Va. 224 S. Washington Street, Alexandria, Va.  
 N. Y. 2011 F Street  
 N. Y. 1103 E Street  
 D. C. 110 E Street  
 Ill. 1499 Irving Street  
 China 306 9th Street



- Chapman, Mrs. Elsie F. (II, 0)  
 †Chapman, Roberta (II, 0)  
 Chappell, William H. (IV, 0)  
 Chastain, Louis P. (II, 67½)  
 Chatfield, Helen L. (III, 6)  
 \*Chesley, Willoughby S., Jr. (VI, 0)  
 \*Chesney, Lee R. (IV, 0)  
 Chickering, Elizabeth E. (V, 62)  
 Chisholm, Catherine (II, 35½)  
 Churchman, H. Clarence (IV, 57)  
 Clark, Elizabeth H. (II, 20)  
 \*Clark, Frank M. (IV, 0)  
 Clark, Ruth M. (II, 3)  
 Clark, Waldo A. (VI, 89)  
 Clarke, Anna P. (IV, 0)  
 Clarke, Cornelia P. (II, 33)  
 \*Clarkson, Eleanore M. (II, 0)  
 Clay, Harry A. (V, 36)  
 \*Cleary, William C. (III, 0)  
 Clephane, Douglas W. (IV, 0)  
 Cline, Robert C. (IV, 54)  
 Conkley, Walter F. (III, 24)  
 Coe, Allen C. (IV, 0)  
 Coleman, Charles H. (IV, 46)  
 Colfesh, Robert W. (IV, 78)  
 Collins, Mrs. Alfreda G. (IV, 0)  
 \*Colston, William A. (III, 0)  
 Colvin, Paul A. (IV, 0)  
 Comfort, Helen L. (II, 6)  
 Comley, Thelma M. (II, 0)  
 \*Conard, James E. (VI, 0)  
 Connolly, Charles R. M. (IV, 0)  
 \*Connolly, John Alfred (II, 17)  
 Cook, Charles M. (IV, 14)  
 Cook, Elizabeth M. (II, 0)  
 Cook, Hildreth H. (II, 9)  
 Cook, James W. (III, 11)  
 Cooper, June (III, 0)  
 \*Cooperman, Harriet (IV, 114½)  
 Copping, Victoria P. (II, 0)  
 Corbin, Bartley (IV, 72)  
 Corey, Hilda I. (II, 28)  
 \*Corey, Mrs. Nellie G. (II, 39)  
 Corey, Wilbur L. (V, 64)  
 Cotter, Virginia (III, 17)  
 \*Couture, Mildred L. (II, 70)  
 Cox, Carrie J. (II, 90)  
 \*Cox, Eugene S. (IV, 32)  
 Crain, Newell B. (III, 80½)  
 Cramer, Alma H. (VI, 36)  
 Cramer, Mary A. (VI, 0)  
 Craven, Robert (VI, 0)  
 Creswell, G. William (V, 87)  
 \*Crockatt, Ann Lucile (II, 12)  
 Crofton, George H. (III, 42)  
 \*Cromwell, Virginia R. (II, 6)  
 Cullen, Ruth Wheeler (II, 42)  
 Culver, David J. (IV, 63)  
 Cummings, Anna L. (II, 0)  
 Cummins, Effie R. (II, 9)  
 Cunningham, Elfa (II, 0)  
 Curran, Raymond H. (IV, 72)  
 Cushman, William G. (V, 34)  
 Cushman, Alice W. (II, 0)  
 Wash. 2016 P Street  
 Va. East Falls Church, Va.  
 Miss. 4418 15th Street  
 Pa. Hyattsville, Md.  
 D. C. 1420 21st Street  
 D. C. The Rochambeau  
 D. C. 4440 Kansas Avenue  
 N. H. 1101 K Street  
 Md. Garrett Park, Md.  
 Iowa 410 Senate Office Bldg.  
 Va. 2 Mt. Vernon Avenue, Alexandria, Va.  
 D. C. 2016 P Street  
 D. C. 704 A Street N. E.  
 D. C. 1778 Lanier Place  
 Md. Hyattsville, Md.  
 Md. Hyattsville, Md.  
 D. C. 1235 11th Street  
 Pa. The Madeira  
 N. Y. Apostolic Mission House, Brookland, D. C.  
 Md. Chevy Chase, Md.  
 Va. Indian Office, Dept. of Interior  
 Ohio 2018½ H Street  
 Md. Beltsville, Md.  
 D. C. 1919 H Street  
 Iowa Y. M. C. A.  
 Kans. 1524 28th Street  
 D. C. The Cairo  
 Va. 1104 Interstate Com. Bldg.  
 Md. 1722 Euclid Street  
 Va. Cherrydale, Va.  
 D. C. 1445 Massachusetts Avenue  
 Mass. 1750 Massachusetts Avenue  
 Mass. 1750 Massachusetts Avenue  
 D. C. 1110 Park Road  
 Pa. George Washington Inn  
 Ga. 411 4th Street  
 D. C. 213 2d Street S. E.  
 D. C. 508 Warwick Place, Chevy Chase  
 Iowa 1811 Adams Mill Road  
 D. C. 1632 17th Street  
 Ala. 1736 G Street  
 N. H. 1326 E. Capitol Street  
 D. C. 505 Equitable Building  
 N. Y. 816 14th Street  
 Md. Bu. Plant Life, Dept. of Agric.  
 N. H. 1200 18th Street  
 Ohio E-F Bldg., Government Hotels  
 Wash. 1758 N Street  
 Texas Patent Office  
 D. C. 2036 1st Street  
 D. C. 2036 1st Street  
 D. C. 1771 Church Street  
 Md. 1758 N Street  
 Mich. 163 U Street N. E.  
 D. C. 2144 F Street  
 Ky. 1812 N Street  
 Ill. A-B Bldg., Government Hotels  
 D. C. 1135 Allison Street  
 Ill. 2003 I Street  
 Ill. 1320 15th Street  
 W. Va. 527 21st Street  
 Maine 1430 Rhode Island Avenue  
 D. C. 42 Channing Street  
 Md. 24 Syracuse Avenue, Takoma Park, Md.  
 Mich. 3122 Warder Street  
 Ga. 1521 Caroline Street  
 D. C. 2139 N Street  
 Iowa 15 R Street

- |                                       |         |                                    |
|---------------------------------------|---------|------------------------------------|
| Dagworthy, Jesse Claude (IV, 0)       | Ind.    | Evening Star Building              |
| †Davis, Frances J. (II, 0)            | D. C.   | 2915 14th Street                   |
| Davis, Hazel J. (II, 24)              | D. C.   | 2915 14th Street                   |
| *Davis, Margaret Quinlan (V, 83½)     | N. Y.   | 1330 L Street                      |
| Davis, Newell B. (III, 136)           | Fla.    | 2106 18th Street                   |
| Davis, Ruth (II, 12)                  | Kans.   | 124 8d Street N. E.                |
| Davis, Thomas J., Jr. (IV, 66)        | Ga.     | 1312 N Street                      |
| Dean, Minnie F. (II, 98)              | D. C.   | The Woodley, No. 706               |
| *Dean, Waiva (III, 120)               | Ore.    | 1937 Park Road                     |
| †Deardorff, Charles L. (V, 14)        | Pa.     | Farnsbore Apartments               |
| Deaton, Linda (II, 65 1-3)            | Ohio    | 315 John Marshall Place            |
| *de Brodes, Pauline (II, 45)          | D. C.   | The Portner                        |
| De Granzo, Frances E. (II, 58)        | D. C.   | 25 U Street N. E.                  |
| Dehler, Alma P. (III, 83)             | D. C.   | The Woodley                        |
| Dehler, Carnegie B. (IV, 0)           | D. C.   | 2407 Irving Street N. E.           |
| De Lacy, Anne (II, 0)                 | Md.     | 4 W. Kirke Street, Chevy Chase     |
| Delawder, John L. (III, 56½)          | D. C.   | 1730 M Street                      |
| *Dement, Charles W. (IV, 14½)         | D. C.   | 1348 Parkwood Place                |
| Denison, Abraham R. (V, 90)           | D. C.   | 1301 K Street                      |
| *Derrick, Howard L. (IV, 0)           | Md.     | 14 Poplar Avenue, Takoma Park, Md. |
| De Souza, Daniel Arthur (IV, 34)      | Jamaica | 1827 Park Road                     |
| Devitt, G. R., Jr. (III, 0)           | Va.     | West Falls Church, Va.             |
| De Voe, Winifred (II, 27)             | D. C.   | 1347 Otis Place                    |
| Dixon, Laura M. (VI, 10)              | N. Dak. | 1104 M Street                      |
| Dixon, Lester E. (VI, 33)             | N. Y.   | 1618 H Street                      |
| Dobkin, William W. (VI, 18)           | D. C.   | 141 Uhland Terrace N. E.           |
| Dodd, Elizabeth G. (IV, 3)            | D. C.   | 314 E. Capitol Street              |
| Dodek, Oscar I. (IV, 12)              | D. C.   | 1319 Emerson Street                |
| Dodek, Samuel M. (V, 66)              | D. C.   | 1319 Emerson Street                |
| †Donaldson, Claude C. (III, 102)      | Texas   | Y. M. C. A.                        |
| Don Leavy, Mary A. (II, 51)           | Vt.     | 1502 Park Road                     |
| *Donnelly, Paul Andrew (VI, 0)        | D. C.   | Walter Reed Hospital               |
| Donohoe, Helen M. (II, 0)             | D. C.   | 1151 New Jersey Avenue             |
| *Donovan, Mrs. Katherine M. (IV, 123) | D. C.   | 1108 6th Street                    |
| Doody, M. Louise (II, 0)              | N. Y.   | 1511 22d Street                    |
| Doran, Sarah L. (II, 8)               | N. Y.   | X-Y Bldg., Government Hotels       |
| Doremus, Robert E. (IV, 26)           | D. C.   | 1842 Calvert Street                |
| Dortch, Jane M. (VI, 21)              | D. C.   | 1510 Park Road                     |
| †Dougherty, Dorothy (II, 3)           | N. Y.   | 1474 Clifton Street                |
| *Doughton, J. Horton (VI, 0)          | D. C.   | 202 Clifton Terrace, South         |
| Douglass, Elsie Y. (IV, 92)           | Fla.    | 2129 G Street                      |
| *Douglass, Eugene D. (III, 0)         | Texas   | Walter Reed Hospital               |
| Douds, Carl F. (IV, 94)               | Ohio    | 1430 Rhode Island Avenue           |
| Drew, Alice E. (V, 36)                | Fla.    | 1922 Belmont Road                  |
| Drew, Marietta E. (III, 28)           | Fla.    | 1922 Belmont Road                  |
| Droll, Sophia R. (II, 9)              | Ohio    | 714 19th Street                    |
| *Drown, Marion J. H. (II, 103)        | D. C.   | 1027 12th Street                   |
| Dubois, Margaret T. (II, 32)          | Idaho   | The Cairo                          |
| *Duggan, Sam M. (IV, 0)               | Ga.     | 1306 Massachusetts Ave.            |
| *Dulligan, James F. (IV, 96)          | Mass.   | 1028 16th Street                   |
| Dunham, Martha D. (II, 9)             | D. C.   | 1628 Columbia Road                 |
| Dutton, Lillian B. (IV, 0)            | D. C.   | 912 Kennedy Street                 |
| †Eanet, Paul (II, 76)                 | D. C.   | 352 I Street S. W.                 |
| Earnest, Elizabeth (II, 99)           | D. C.   | 2123 N Street                      |
| Earnshaw, Eleanor A. (II, 56)         | D. C.   | 806 D Street S. E.                 |
| Earnshaw, Samuel W. (IV, 55)          | D. C.   | 806 D Street S. E.                 |
| Eckel, Arthur F. (III, 94)            | Ill.    | Bureau of Standards                |
| Eckert, Esther A. (II, 41)            | D. C.   | 3042 Newark Street                 |
| Edmonston, Katharine V. (II, 0)       | D. C.   | 4817 Conduit Road                  |
| Edmonston, Martha L. (II, 0)          | D. C.   | 1441 Fairmont Street               |
| Edwards, Philip C. (I, 0)             | D. C.   | 4403 Iowa Avenue                   |
| *Ehle, Doris L. L. (II, 0)            | Va.     | Fort Myer, Va.                     |
| Elliott, Edith L. (II, 55)            | D. C.   | 1006 B Street N. E.                |
| Elliott, George E. (VI, 30)           | D. C.   | 1320 21st Street                   |
| Ensign, Cornelia (II, 118)            | Ga.     | 1906 Florida Avenue                |
| Erbach, Amalia Marie (II, 24)         | D. C.   | 713 Massachusetts Avenue N. E.     |
| Eshelman, Edith C. (VI, 27)           | D. C.   | 2033 Park Road                     |
| Espay, Anna Louise (II, 30)           | D. C.   | 2010 1st Street                    |
| Evans, Clara Ruth (III, 0)            | D. C.   | 634 E. Capitol Street              |
| *Evans, James W. (VI, 0)              | Md.     | Hyattsville, Md.                   |



- Evans, Leland M. (V, 93)  
 Evans, Walter O. (IV, 70)  
 Ewell, Agnes C. (V, 85)  
 Exley, Clarence M., Jr. (IV, 12)
- Fahlbusch, Martha M. (II, 0)  
 †Falorsl, Theodosia H. (II, 81)  
 Faries, John S. (III, 23)  
 Farnham, Lillian P. (II, 18)
- \*Farwell, Ada W. (II, 0)  
 Feaster, Madge S. (II, 0)  
 \*Feelemyer, Christine (II, 2)  
 Feldman, Richard L. (V, 114)  
 Felitti, Vincent J. (V, 79)  
 †Felstein, David (IV, 0)  
 Fenton, Anna B. (IV, 97½)  
 Ferebee, Cora B. (II, 29)  
 \*Ferneyhough, Fannie A. (II, 0)  
 Field, Hilda M. (II, 0)  
 \*Finley, Mary E. (II, 30)  
 Fisher, Dale D. (VI, 0)  
 Fisher, O. Edward (IV, 6)  
 Fitzgerald, Francis J. (VI, 32)  
 Flaake, Frances G. (IV, 40½)  
 Flack, Herron Thomas (III, 96)  
 Flisher, Leonora V. (II, 29)  
 Fly, W. Graham (VI, 0)  
 Foley, Albert J. (IV, 0)  
 \*Foley, John Paul (IV, 0)  
 Foley, William E. (III, 30)  
 Follett, Mrs. Beatrice H. (II, 97)  
 Folse, Lenard Roy (IV, 39)  
 Foreman, Genevieve M. (II, 45)  
 Fort, John E. (IV, 0)  
 Fortna, Marie (III, 25)  
 Foster, Frances B. (II, 50)  
 Foster, Margaret B. (IV, 0)  
 Foster, Ruth E. (II, 0)  
 \*Foust, Hazel S. (II, 0)  
 Fouts, Edward Lee (II, 0)  
 \*Fouts, Robert M. (II, 41)  
 Frankhauser, Mary Isabelle  
 (III, 23)  
 Freedman, Alexander (VI, 50)  
 Freeman, Elsie M. (IV, 88)  
 French, Harry F. (III, 15)  
 \*French, Leslie I. (V, 0)  
 Friedlander, Mark P. (VI, 0)  
 Frost, Elizabeth S. (II, 24)  
 Fryer, William T. (IV, 142)  
 Fuller, Gladys (II, 54)  
 \*Funk, Clara Linn (II, 12)  
 \*Fusch, Emma Tom (II, 0)
- Gable, Paul D. (VI, 0)  
 Gallagher, Phyllis C. (II, 80)  
 \*Gallagher, Willa (IV, 4)  
 Gannaway, Grace May (II, 0)  
 Gardner, Allen H. (IV, 36)  
 Gardner, Bessie R. (IV, 18)  
 Gardner, Helen M. (IV, 93)  
 Garey, Mary Moore (V, 6)  
 \*Gaskill, Lorene M. (IV, 0)  
 \*Gassman, Janet J. (II, 46)  
 Gebhart, Arthur I. (III, 104)  
 Geiger, John H. (II, 0)  
 Gerry, Marjorie S. (II, 62)  
 Geasford, Eleanor (I, 36)  
 Gibson, R. Leslie (IV, 0)  
 \*Gillespie, Rees A. (IV, 71 2/3)  
 Gilliland, John B. (IV, 0)
- Utah  
 Ky.  
 Minn.  
 D. C.  
 Mo.  
 Italy  
 Nebr.  
 Md.  
 D. C.  
 Ill.  
 Md.  
 Md.  
 D. C.  
 D. C.  
 Nebr.  
 N. C.  
 D. C.  
 Minn.  
 Ind.  
 D. C.  
 Mich.  
 D. C.  
 N. J.  
 Kans.  
 N. Y.  
 Ill.  
 D. C.  
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 Mass.  
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 La.  
 Ill.  
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 Va.  
 Ohio  
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 Va.  
 Eng.  
 D. C.  
 Va.  
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 D. C.  
 Ky.  
 Tenn.  
 D. C.  
 D. C.  
 Mo.  
 D. C.  
 Pa.  
 Okla.  
 Pa.  
 Md.  
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 D. C.  
 Pa.  
 D. C.  
 D. C.  
 D. C.  
 D. C.  
 D. C.  
 Mo.  
 S. Dak.
- 1645 K Street  
 224 E Street N. E.  
 1202 Decatur Street  
 723 Euclid Street  
 1474 Harvard Street  
 1827 S Street  
 Y. M. C. A.  
 224 Wooton Avenue, Chevy  
 Chase, Md.  
 3635 10th Street  
 1855 Calvert Street  
 1216 B Street S. E.  
 224 New Jersey Avenue  
 1319 N Street  
 36 D Street S. E.  
 2722 13th Street  
 529 18th Street  
 1811 Kalorama Road  
 2112 F Street  
 1631 Newton Street  
 6103 4th Street  
 1802 G Street  
 3116 Mt. Pleasant St.  
 101 Maryland Avenue N. E.  
 1736 G Street  
 721 19th Street  
 1829 19th Street  
 916 E. Capitol Street  
 231 2d Street S. E.  
 4008 12th Street N. E.  
 826 Kennedy Street  
 2013 G Street  
 The Tuxedo  
 4200 River Road  
 Annapolis Md.  
 The Woodley  
 1917 S Street  
 The Woodley  
 1525 Q Street  
 730 Quebec Street  
 730 Quebec Street  
 1104 M Street  
 3123 19th Street  
 1150 N. Capitol Street  
 663 Maryland Avenue N. E.  
 1320 Belmont Street  
 2109 18th Street  
 Fort Myer, Va.  
 1600 Rhode Island Avenue  
 1884 Columbia Road  
 1801 K Street  
 1426 M Street  
 607 8th Street N. E.  
 1420 Harvard Street  
 1832 Columbia Road  
 1131 4th Street N. E.  
 1421 Buchanan Street  
 2117 G Street  
 2019 O Street  
 Bureau of Labor Statistics  
 1130 Buchanan Street  
 1845 Ontario Place  
 2127 G Street  
 624 L Street N. E.  
 2944 Macomb Street  
 3123 13th Street  
 2002 Franklin Street N. E.  
 1501 16th Street

- Girdner, Kermit (II, 0)  
 Girdner, William W. (IV, 68)  
 Girts, Maxine L. (IV, 63)  
 Glass, John D. (IV, 69)  
 Glover, Clarence K. (IV, 106)  
 Glover, Wilber B. (IV, 36)  
 Goddard, Eunice F. (III, 90)  
 \*Goldberg, Sadye (II, 0)  
 \*Goode, Thomas D. (VI, 0)  
 Goss, John H. (VI, 0)  
 Goss, Marshall J. (VI, 26)  
 Graff, George U. (III, 0)  
 Grass, Edward J. (V, 94)  
 \*Gravatt, Frances E. (III, 120)  
 Graves, Warren E. (VI, 53)  
 Gray, Ulysses Sherman (IV, 99)  
 Greeley, John R. (III, 0)  
 Greene, Charles T. (IV, 18)  
 Greene, Margaret K. (II, 68 2/3)  
 Greene, Ruth G. (III, 6)  
 Greene, William M. (VI, 24)  
 Greenlee, Zoda V. (IV, 117)  
 Gress, Howard D. (IV, 39)  
 Griffin, Lawrence D. (VI, 78)  
 \*Griffin, Marjorie Sue (II, 0)  
 Grimes, Cora D. (II, 62)  
 Grindell, May E. (II, 12)  
 Grove, Charles B. (IV, 16)  
 Gruber, Herbert W. (II, 57)  
 Gruver, Helen R. (II, 34)  
 Guanella, Frances M. (II, 66)  
 Guilford, Anne Elizabeth (IV, 108)  
 \*Guindon, Marjorie Anne (III, 0)  
 Gustin, Robert D. (II, 94)  
 Haddox, Dorothy S. (II, 0)  
 Hagan, J. Foster (IV, 70 1/2)  
 Haines, Mary S. (IV, 47)  
 Hall, Elizabeth F. (II, 96)  
 Hall, Katharine C. (II, 0)  
 Halliday, C. Warner (IV, 18)  
 \*Halloran, Edward R. (II, 0)  
 Hamilton, Anna Mary (II, 21)  
 \*Hamlyn, Russell S. (IV, 0)  
 Hammack, Paul W. (VI, 51)  
 Hance, Emma O. (II, 10)  
 Hand, Francis M. (V, 88)  
 Hanford, Juliette (II, 60)  
 Hanlin, George (III, 114)  
 Hardigg, Dorothy (II, 41)  
 Harlow, Gladys (IV, 0)  
 †Harris, Harold I. (V, 0)  
 †Harris, Herbert C. (VI, 0)  
 Harrison, Mary I. (II, 31)  
 \*Harrison, Miriam A. (II, 24)  
 Hartman, Ann S. (II, 36)  
 Hastings, Helen (II, 0)  
 \*Haverstock, George M. (III, 130)  
 Hawes, Peyton Elizabeth (II, 30)  
 Haworth, Ellis (III, 83)  
 Hawxhurst, Mildred M. (IV, 0)  
 Hayes, Arthur B., Jr. (IV, 87 1/2)  
 Hays, Cathryn M. (II, 67)  
 \*Hays, Dallas B. (IV, 11)  
 Hazell, Joseph W. (III, 83 1/2)  
 Hazen, Joseph H. (IV, 24)  
 \*Heber, Raymond J. (VI, 0)  
 Hefferman, Horace P. (II, 0)  
 \*Helander, Gunhild S. (II, 6)  
 D. C. 6812 Laurel Avenue, Takoma Park  
 D. C. 6812 Laurel Avenue, Takoma Park  
 Pa. 1434 Harvard Street  
 Kans. 1603 Massachusetts Avenue  
 W. Va. 1336 Massachusetts Avenue  
 D. C. 3104 18th Street  
 Maine 112 Varnum Street  
 D. C. 1214 Irving Street  
 N. C. 1634 19th Street  
 Pa. 3021 Q Street  
 Ohio 721 Quebec Place  
 D. C. 3323 14th Street N. E.  
 D. C. 2024 I Street  
 Md. 5 Leland Street, Chevy Chase, Md.  
 Mass. 1745 Q Street  
 Ala. 1603 Massachusetts Avenue  
 D. C. 2632 Garfield Street  
 Pa. New National Museum  
 Ind. 1244 Irving Street  
 D. C. 226 13th Street S. W.  
 Va. 1440 M Street  
 Ohio 1726 I Street  
 Pa. 1317 M Street  
 Conn. 4008 12th Street N. E.  
 Mo. 1223 Vermont Avenue  
 Iowa 1737 Corcoran Street  
 Mass. 1104 M Street  
 D. C. 2708 Cathedral Avenue  
 Pa. 1419 E. Capitol Street  
 D. C. 5460 39th Street  
 Iowa 44 Woodstock Street, Clarendon, Va.  
 D. C. Hyattsville, Md.  
 D. C. 2823 N Street  
 D. C. 694 4th Street N. E.  
 Md. Gaithersburg, Md.  
 Va. Ballston, Va.  
 Mo. 3228 Hinto Place  
 Conn. 1515 17th Street  
 D. C. Naval Observatory  
 Ill. 1758 N Street  
 Md. Fontanet Courts  
 Pa. 626 D Street N. E.  
 R. I. 1717 Oregon Avenue  
 Va. 2034 F Street  
 Va. Cherrydale, Va.  
 Ga. 1727 S Street  
 Ill. 130 The Portner  
 Ky. 1321 11th Street  
 Ind. 1633 Hobart Street  
 D. C. 1320 9th Street  
 D. C. Emergency Hospital  
 N. D. 144 12th Street N. E.  
 D. C. 619 23rd Street  
 Va. 1412 20th Street  
 Minn. 1634 Riggs Place  
 D. C. 3600 Ordway Street  
 D. C. 26 Everts Street N. E.  
 D. C. The Wyoming  
 D. C. 132 13th Street S. E.  
 D. C. 3114 38th Street  
 D. C. 3338 16th Street  
 Mo. The Mendota  
 Mo. The Mendota  
 D. C. The Dresden  
 N. Y. 1698 Lanier Place  
 W. Va. 1321 Shepard Street  
 Minn. 4960 Conduit Road  
 D. C. 1332 I Street



- Henderson, Edward P. (III, 69½)  
 Henderson, Walter C. (III, 0)  
 Henning, Beatrice H. (III, 60)  
 Hensley, Pearle B. (II, 0)  
 \*Herbst, Mildred L. (II, 104)  
 \*Herdson, William S. (VI, 0)  
 Hester, Clinton M. (IV, 0)  
 Heyl, Alice (III, 0)  
 Hicks, Katherine I. E. (II, 12)  
 \*Higgins, Alfred L. (IV, 122)  
 \*Higgins, Daniel E. (II, 0)  
 Higgins, Thomas J. (II, 110)  
 Hill, Alice F. (II, 50)  
 †Hill, Harold, L. (IV, 0)  
 Hill, Lillie L. (III, 0)  
 Hilland, Arthur (II, 0)  
 Hilland, Charlotte J. (II, 0)  
 Hilliard, Alice H. (II, 0)  
 Himmelfarb, Jean S. (IV, 22)  
 Hinkleley, Marie H. (II, 103)  
 Hines, Miriam L. (II, 0)  
 Hird, John D. (VI, 0)  
 Hixson, William A. (IV, 8)  
 Hof, Anne C. (IV, 30)  
 \*Holcombe, John W. (II, 0)  
 Holley, Bernice M. (II, 6)  
 Holmgren, Samuel T. (IV, 88)  
 Holmes, Ruth E. V. (II, 48)  
 †\*Holt, Ralph M. (VI, 18)  
 Hoover, Elbert C. (V, 32)  
 \*Hopkins, Lt. Joy (III, 91)  
 Hosmer, Harriet (IV, 30)  
 Howard, Deane C. (IV, 112)  
 Howard, Dorothy (II, 24)  
 \*Hudmon, William Elliot (I, 138)  
 Hughes, Charles W. (III, 90)  
 Hughes, H. Gladys (II, 19)  
 Hull, Winifred S. (III, 0)  
 \*Hummer, Helen L. (II, 0)  
 Hummer, J. Earl (III, 126½)  
 Hunt, Beatrice R. (IV, 54)  
 Hunt, Cecil L. (IV, 0)  
 Hunt, Thelma (III, 0)  
 Hunter, Anna M. (II, 6)  
 Hurley, Fitzhugh L. (IV, 66)  
 Hurley, Mary F. (IV, 0)  
 Hutchison, Granville R. (VI, 30)  
 Hyslop, Mrs. Mina C. (II, 33)  
 Hytonen, Lempi J. (II, 12)  
 Ireman, Dessie M. (II, 2)  
 \*Isbell, Ruth E. (III, 36)  
 Jackson, Zimmerman D. (III, 36)  
 Jacobson, Robert L. (VI, 66)  
 †Jaen, Juan L. (IV, 0)  
 James, Virginia H. (II, 0)  
 Jeffrey, Paul M. (IV, 13½)  
 Jensen, Emma A. (V, 121)  
 Jex, Garnet W. (III, 0)  
 Johnson, Dunbar H., Jr. (IV, 43½)  
 Johnson, Edith Caroline (II, 0)  
 Johnson, Edith Gertrude (II, 40)  
 Johnson, Edward H. (III, 90½)  
 Johnson, Eliza B. (II, 0)  
 Johnson, Ethel M. (II, 18)  
 Johnson, Lester Dudley (IV, 18)  
 Johnson, Lester Wyllie (IV, 70)  
 Johnson, Margaret L. (V, 30)  
 Johnson, Nobel G. (IV, 32½)  
 Ohio  
 Mon. Dept. of Interior Bldg.  
 D. C. 4727 13th Street  
 Va. 2701 Connecticut Avenue  
 D. C. 1819 G Street  
 D. C. 1032 25th Street  
 D. C. 3549 11th Street  
 D. C. 1308 Connecticut Avenue  
 D. C. 1315 Fairmont Street  
 N. Y. 3453 Holmead Place  
 Mo. 1810 Lawrence Street N. E.  
 Me. 2006 F Street  
 D. C. 1302 Delafield Place  
 D. C. 11 R Street N. E.  
 Pa. Mt. Rainier, Md.  
 D. C. 309 South Carolina Ave. S. E.  
 D. C. 1320 21st Street  
 Iowa 1320 21st Street  
 N. J. 1104 M Street  
 D. C. 1430 6th Street  
 N. H. 1358 Harvard Street  
 Okla. 1104 M Street N. E.  
 D. C. 1717 Irving Street  
 D. C. 624 Irving Street  
 D. C. 1831 Belmont Road  
 D. C. 2127 Bancroft Place  
 Ky. 935 New York Avenue  
 N. H. Y. M. C. A.  
 Md. Rockville, Md.  
 N. C. 1733 N Street  
 D. C. 2221 1st Street  
 Va. Bu. Plant Indus., Dept. of Agri.  
 Calif. A-B Bldg., Govt. Hotels  
 D. C. Fort Myer, Va.  
 D. C. 815 Taylor Street  
 D. C. 1816 S Street  
 Md. 2945 Tilden St.  
 D. C. 232 6th Street S. E.  
 Md. 419 Essex Ave., Chevy Chase.  
 D. C. Md.  
 D. C. 1237 Kenyon Street  
 D. C. 1237 Kenyon Street  
 D. C. 1475 Columbia Road  
 Okla. 1925 N Street  
 Md. Berwyn, Md.  
 Ohio 3367 18th Street  
 N. C. 1603 Massachusetts Avenue  
 D. C. 676 4th Street N. E.  
 Va.  
 Mo. 1801 G Street  
 Mich. 1743 P Street  
 Mich. Tudor Hall  
 Conn. 1150 N. Capitol Street  
 Va. 126 N. Columbus Street, Alex-  
 andria, Va.  
 D. C. 715 19th Street  
 P. I. 1507 Irving Street  
 Md. 1436 N Street  
 D. C. 1133 Columbia Road  
 Ill. Central High School  
 D. C. 611 Orleans Place N. E.  
 D. C. 552 Shepherd Street  
 Nebr. 5 Iowa Circle  
 Mass. 1650 Fuller Street  
 Tex. 1322 9th Street  
 Pa. 1919 K Street  
 Ohio 1114 Vermont Avenue  
 Ill. Box 206, Vienna, Va.  
 Ill. 1758 N Street  
 Tenn. 552 Shepard Street  
 Ill. 1758 N Street

- †Johnson, Winfield G. (IV, 0)  
 Johnston, Francis N. (II, 0)  
 Johnston, Kenneth K. (IV, 79)  
 Jones, Arthur Lee (VI, 61½)  
 Jones, Ellsworth D. (IV, 9)  
 \*Jones, Emily L. (II, 0)  
 \*Jones, Harvey I. M. (III, 50)  
 \*Jones, Hulda (II, 34)  
 \*Judd, Eleanor C. (II, 121)  
 Kaplovitz, Rebecca (I, 57)  
 Kar, A. Kenneth (IV, 24)  
 Katopothis, Steven E. (IV, 10)  
 Katz, Leon (IV, 33)  
 Keefer, Charlotte M. (II, 15)  
 Keene, Henry Clay (IV, 122½)  
 Kehr, Elizabeth M. (I, 89)  
 Keleher, Edith R. (IV, 15½)  
 Kellogg, Grace E. (IV, 24)  
 Kelsner, Mrs. Eveline H. D. (II, 0)  
 Kenney, Mary B. (II, 47½)  
 \*Keren, Doris E. (II, 0)  
 †Kessler, Yetta R. (II, 0)  
 Killian, Rose S. (II, 0)  
 King, Merrill B. (IV, 40½)  
 \*Kingsbury, Clara S. (IV, 0)  
 \*Kingsbury, Dorothy E. (IV, 108)  
 \*Kinyoun, Conrad (II, 134)  
 †Kisling, Charlyemagne (II, 0)  
 Klatzkin, Sarah (IV, 24)  
 \*Kleindienst, Dorothy V. (II, 0)  
 Knappen, Phoebe M. (III, 0)  
 Knisely, Edna (II, 102)  
 Knowles, Arthur E. (VI, 68)  
 \*Koblegard, Ruhl W. (VI, 15)  
 Kotok, George H. (V, 0)  
 Kotterman, Chester A. (VI, 24)  
 Kouns, Adrienne B. (II, 34)  
 \*Krick, John Francis (IV, 0)  
 †Kunkel, Ruth Lee (II, 15)  
 Kutz, Miriam L. (II, 45)  
 Ladd, Dorothy D. (II, 41)  
 Ladd, John G. (III, 81)  
 Lake, Lola E. (II, 0)  
 Lake, Orion A. (VI, 30)  
 \*La Moore, Parker (IV, 67)  
 Lane, Rufus H., Jr. (III, 36)  
 †Laney, L. Vesta C. (II, 6)  
 Langston, Raymond P. (VI, 0)  
 Lantel, Catherine M. (II, 0)  
 Lattman, Isidore (V, 120)  
 \*Lattman, Morris (V, 120)  
 Lavery, Thomas C. (IV, 95)  
 Lawrence, Anne T. (II, 31)  
 Lazzelle, Mabel (II, 30)  
 \*Leckie, Jeannette K. (II, 12)  
 Lee, Agnes I. (II, 72)  
 Lee, Harry P. (V, 65½)  
 †Lee, John Hyako (III, 0)  
 \*Lee, William Young C. (IV, 146½)  
 Leedy, Nellie G. (II, 61)  
 Lefebvre, Rose M. (IV, 10)  
 Lesser, Moses A. (II, 3)  
 Lester, M. Mary (II, 99)  
 Lewis, Madge (IV, 0)  
 Lewton, Frederick L. (V, 117)  
 L'Heureux, Herve J. (VI, 0)  
 Lindberg, Andrew R. (III, 0)  
 D. C. 1316 Rhode Island Avenue  
 D. C. 2236 Massachusetts Avenue  
 Nebr. The Kenyon  
 Pa. 1112 Euclid Street  
 Va. 45 Crut Lane, Cherrydale, Va.  
 D. C. 64 Seaton Place  
 D. C. 1908 Belmont Road  
 N. C. 1228 Massachusetts Avenue  
 D. C. 2026 F Street  
 N. J. 1543 6th Street  
 D. C. 2466 Ontario Road  
 Greece 1833 Mintwood Place  
 D. C. 453 Newton Street  
 D. C. 2725 13th Street N. E.  
 Ala. 2441 Oakwood Terrace  
 D. C. 1103 Park Road  
 D. C. 118 11th Street S. E.  
 D. C. 36 Rhode Island Avenue N. E.  
 D. C. 1432 Meridian Place  
 Del. 2031 F Street  
 D. C. 1836 7th Street  
 D. C. 480 E Street S. W.  
 D. C. 1733 1st Street  
 Ill. Colonial Hotel  
 D. C. 1829 Wyoming Avenue  
 Mich. I-K Bldg., Govt. Hotels  
 D. C. 3103 Mt. Pleasant Street  
 Va. Wardman Park Hotel  
 D. C. 144 Bates Street  
 D. C. 610 B Street N. E.  
 D. C. 2925 Tilden Street  
 Ind. 2030 G Street  
 Ind. 1011 New Hampshire Avenue  
 D. C. 2176 Wyoming Avenue  
 N. J. 2014 G Street  
 D. C. 2611 Adams Mill Road  
 Ohio 1011 New Hampshire Avenue  
 Pa. 45 Girard Street N. E.  
 D. C. 2510 Wisconsin Avenue  
 Ind. 1916 G Street  
 Md. 6109 Brookville Road, Chevy Chase, Md.  
 Md. 6109 Brookville Road, Chevy Chase, Md.  
 Calif. 1414 Girard Street  
 D. C. P. O. Box 3693, D. C.  
 N. D. 7 H Street  
 Va. Falls Church, Va.  
 Ala. 1725 M Street  
 Okla. 1736 G Street  
 D. C. 810 Massachusetts Avenue N. E.  
 N. Y. 1462 Chapin Street  
 N. Y. 1462 Chapin Street  
 Mo. 1435 K Street  
 Va. 207 Argyle Apts.  
 D. C. 3924 5th Street  
 D. C. 1335 Harvard Street  
 D. C. 327 10th Street N. E.  
 D. C. 1310 Belmont Street  
 D. C. 41 T Street  
 Korea 905-7 Continental Trust Bldg.  
 Mo. 1201 E. Capitol Street  
 Minn. 1320 15th Street  
 Mass. 925 N Street  
 Va. V-W Bldg., Govt. Hotels  
 Md. 1523 16th Street  
 D. C. 113 Chestnut Street, Takoma Park, D. C.  
 N. H. 645 5th Street N. E.  
 D. C. 3569 T Street N. W.



\*Lindsay, Pauline (IV, 65)  
Lindsey, Irving (III, 87)

Linehan, Ella C. (III, 12)  
Lista, Louis J. (V, 17)  
Littlepage, Ellen M. (IV, 24)  
Littlepage, John M. (IV, 0)  
Livingston, Grace A. (II, 15)  
Lobdell, Charles, Jr. (VI, 25)  
Long, Florence A. (II, 21)  
†Long, Georgia A. (II, 30)  
Long, William R. (IV, 24)  
†Loo, Shushung F. (VI, 5)  
Lord, Isaac Q. (IV, 83)  
Luber, Samuel E. (V, 50)  
Lucco, Madge I. (III, 0)  
Ludlow, Blanche (II, 0)  
Ludlow, Marjorie (II, 46)  
Ludwig, Robert E. (IV, 0)  
Lund, Phoebe M. (II, 21)  
Lupton, Josephine K. (II, 12)  
Lutz, Carl (II, 88)  
Lutz, E. Russell (VI, 98)

McArthur, Nancy P. (IV, 0)  
McBeth, Frank H. (II, 0)  
McCabe, William L. (IV, 24)  
McCauley, Alice O. (IV, 12)  
McCauley, Katherine C. (II, 83)  
McClure, Earl C. (VI, 0)  
\*McClurg, Alice (II, 94)  
McCollum, Ruth (I, 109)  
McCord, Anita A. (II, 0)  
McCoy, Carroll A. (V, 0)  
McCoy, Harold D. (IV, 28)  
McCullough, Gladys E. (II, 41)  
McCullough, Mildred M. (II, 0)  
\*McDaris, Vivien Lois (II, 56)  
\*McDonnell, Emily W. (III, 0)  
†McDonough, Marguerite T. (IV, 0)  
\*McDowell, Frank (III, 6 2/3)  
McDowell, N. Louise (II, 20)  
McEldowney, Robert W., Jr. (VI, 0)  
McElroy, Catherine F. (II, 58)  
McElroy, Florence A. (II, 0)  
McGraw, Willard G. (III, 7 1/2)  
McIntyre, Joseph D. (III, 100)  
McLaughlin, Manly L. (VI, 0)  
†McLaughlin, Mary A. (IV, 62)  
McLeod, Mrs. J. K. (IV, 6)  
McMurchy, A. Eleanor G. (II, 27)  
\*McMurry, Johnson B. (III, 60 1/4)  
McNally, Kean (VI, 0)  
McNeil, Robert H. (IV, 36)  
McNish, Alvin G. (II, 38)  
\*McPherson, Richard K. (IV, 6)  
MacDonald, Junius R. (VI, 13)  
MacMillan, Clifford J. (IV, 93)  
MacPherson, Mary E. (II, 0)  
Magner, Rose G. (IV, 15)  
Mallard, Evelyn H. (II, 108)  
Malone, Marion R. (II, 48)  
Manzum, James E. (II, 71)  
Mankey, Helen L. (III, 98)  
Manning, Dorothy C. (II, 0)  
\*Manning, Lee C. (V, 2)  
Manson, Earle W. (IV, 34 1/4)  
Marchetti, Orville (IV, 0)  
Markley, Mae Adelle (II, 104)  
Marlowe, Mabel (III, 123)  
Marquis, Merth (IV, 71)  
Marquis, Ronald N. (IV, 27)

W. Va. 923 19th Street  
Va. 1009 Gibbon Street, Alexandria,  
Va.

Mass. 2421 14th Street  
D. C. 513 D Street S. E.  
D. C. The Portland  
D. C. The Portland  
Ind. 915 20th Street  
D. C. 3228 Reno Road  
Va. Alexandria, Va.  
D. C. 71 H Street N. E.  
Mass. Y. M. C. A.  
China 2750 14th Street  
D. C. 1336 Newton Street N. E.  
D. C. 731 4th Street  
D. C. 1220 Euclid Street  
D. C. 1908 I Street  
D. C. 1908 I Street  
Md. 15 R Street  
D. C. 1710 I Street  
D. C. 1719 Euclid Street  
Ill. 2013 Hillyer Place  
D. C. 1808 Ontario Place  
D. C. 1819 G Street  
D. C. 2912 16th Street N. E.  
Utah 2466 Ontario Road  
D. C. 1354 Monroe Street  
D. C. 1353 Maple View Place S. E.  
D. C. 918 K Street S. E.  
Ind. 2004 G Street  
S. D. 1101 K Street  
D. C. 1711 Euclid Street  
D. C. 2407 12th Street N. E.  
Wis. 100 5th Street N. E.  
D. C. 401 3rd Street  
D. C. The Hadleigh  
Miss. 1515 Massachusetts Avenue  
Pa. 2003 I Street  
D. C. 2309 Washington Circle  
Ga. 201 2nd Street N. E.  
D. C. 2379 Rhode Island Avenue N. E.  
Pa. 1758 N Street  
D. C. 3400 Macomb Street  
D. C. 1441 E Street S. E.  
Md. Gaithersburg, Md.  
D. C. 2209 M Street  
D. C. 1342 North Carolina Ave. N. E.  
Pa. 1918 I Street  
N. D. 1122 13th Street  
D. C. 1627 R Street  
Ky. 2301 Connecticut Avenue  
D. C. 1210 Decatur Street  
D. C. 608 H Street  
D. C. The Parkwood  
Mo. 1736 G Street  
N. C. 2014 G Street  
Cal. Cherrydale, Va.  
Va. 2310 20th Street  
N. Y. 2129 18th Street  
Ga. 2343 Green Street S. E.  
D. C. The Maury  
D. C. 2914 11th Street  
D. C. 4701 Fessenden Street  
Md. 1322 Massachusetts Avenue  
D. C. 119 W Street  
D. C. 1277 New Hampshire Avenue  
D. C. 126 F Street S. E.  
Okla. 1341 South Carolina Ave. S. E.  
Okla. 2129 G Street  
Okla. 2129 G Street

- Marshall, Murray L. (IV, 26)  
 \*Marshall, Nelson P. (III, 80)  
 Martin, Robert B. (IV, 0)  
 Mason, John Russell (II, 83)  
 Mathews, Alma L. (IV, 60½)  
 Mattox, Virginia A. (II, 6)  
 Maulbetch, Emily M. (II, 3)  
 †Mauney, Estelle (III, 3)  
 Maurice, Nathalie A. (II, 108)  
 Maxam, Mary A. (II, 0)  
 \*May, Gustave W. (IV, 0)  
 Maynard, Mary L. (II, 0)  
 \*Meade, Helen D. (II, 0)  
 \*Means, Estella T. (II, 0)  
 Mears, Jesse Kirk (IV, 62)  
 Meeze, Norman S. (IV, 108½)  
 Mehlhig, Mrs. May O. (II, 107)  
 Mehring, Arnon Lewis (III, 97)  
 Melchior, Eleanor B. (II, 27)
- Mendelson, Israel J. (III, 8)  
 Menzel, Theophil W. (II, 80)  
 Merdian, Bertha (II, 50 1/3)  
 Meriwether, Yancey (II, 0)  
 Merriman, Ervin E. (IV, 108)  
 Merria, Donald E. (III, 96½)  
 Merritt, Virginia (II, 0)
- Messer, Agnes H. (II, 61)  
 Metzgerott, John H. (IV, 51½)  
 Meyers, Edward M. (VI, 0)
- Middleton, William (III, 18)  
 Miller, Mrs. Agnes T. (II, 0)  
 Miller, Carrie May (VI, 33)  
 Miller, Lenna K. (II, 24)  
 Millsbaugh, Nelle E. (II, 92½)  
 Minor, John G. (IV, 6)  
 Mitchell, Fred C. (III, 102)  
 Mitchell, Paul J. (III, 0)  
 \*Moncure, Eliza M. (II, 33)  
 Montague, L. Gordon (III, 5)  
 Montgomery, James E. (VI, 74)  
 Montgomery, Ralph V. (IV, 30)  
 †Moran, William, Jr. (VI, 0)  
 Morehouse, Mortimer B. (VI, 51)  
 Morgan, Eva (III, 12)  
 \*Morishima, Morito (IV, 3)  
 \*Morris, Robert E. Lee (VI, 0)  
 Morrow, Clara A. (II, 119)  
 Mosely, Elizabeth L. (IV, 32)  
 Moses, Florence (II, 27)  
 Moulton, Edward B. (VI, 70)  
 \*Moulton, Mrs. Mona B. (II, 0)  
 Moxness, Bennie A. (V, 86)  
 \*Mullen, William P. (IV, 30)  
 (LL. B., Creighton College of Law)  
 (LL. M., Georgetown)
- Murphy, Alice M. (III, 10)  
 Murphy, Joan C. (II, 12)  
 Murray, I. Mildred (IV, 9)  
 Murrill, Minnie D. (II, 9)  
 Musher, Albert (IV, 0)  
 \*Musman, Michael Angelo (VI, 128)  
 †Myers, Edythe J. (II, 19 1/3)  
 Myers, John T. (IV, 101)  
 Myers, Walter Claude (IV, 0)
- Nall, Agnes (II, 0)  
 Nall, Arthur E. (II, 21)  
 Nathanson, Esther (V, 90)  
 Nathanson, Rose M. (II, 0)
- Md. 18th and New York Avenue  
 D. C. 1421 Columbia Road  
 Va. Vienna, Va.  
 D. C. 1842 Calvert St.  
 Pa. 1320 Fifteenth Street  
 Va. 1749 Q Street  
 Pa. 1319 Massachusetts Avenue  
 N. C. 52 Rhode Island Avenue  
 N. Y. 2011 F Street  
 D. C. 1760 Euclid Street  
 D. C. 1306 30th Street  
 D. C. 1842 M Street  
 D. C. 1139 12th Street  
 Pa. 3025 15th Street  
 Ohio 606 22nd Street  
 N. Y. 3136 17th Street  
 D. C. 1726 Massachusetts Avenue  
 Md. Hyattsville, Md.  
 Va. 110 S. Columbus Street, Alex-  
 andria, Va.  
 D. C. 2919 M Street  
 D. C. 2951 Tilden Street  
 Ill. 1709 Rhode Island Avenue  
 D. C. 23 Iowa Circle  
 Ind. 400 M Street N. E.  
 Pa. Bureau of Standards  
 D. C. 25 Grafton Street, Chevy Chase,  
 Md.  
 D. C. 3504 Macomb Street  
 D. C. 3504 16th Street  
 D. C. 10 Hickory Avenue, Takoma  
 Park  
 Va. East Falls Church, Va.  
 D. C. E. Wardman Pk. Hotel, Apt. 710  
 Mo. 607 3rd Street  
 Va. Oakton, Va.  
 Mo. 405 Ontario Apts.  
 Ky. 2215 H Street  
 Pa. 1938 Biltmore Street  
 D. C. 2006 Columbia Road  
 D. C. Woodworth Apartment  
 Wis. Bureau of Standards  
 Ind. 1011 New Hampshire Avenue  
 D. C. 1011 New Hampshire Avenue  
 S. C. 1635 R Street  
 D. C. 1526 O Street  
 Ill. 1104 M Street  
 Japan 1310 N Street  
 Md. Hyattsville, Md.  
 D. C. Wardman Park Inn  
 Tex. 1320 15th Street  
 D. C. The Chastleton  
 Ill. 1419 Girard Street  
 D. C. St. Albans School  
 N. D. 2006 F Street  
 Nebr. The Olympia
- Mass. 610 Lexington Pl. N. E.  
 Vt. 3421 14th Street  
 Pa. 1308 Connecticut Avenue  
 Va. 3404 Prospect Avenue  
 D. C. 2849 Connecticut Avenue  
 Pa. Y. M. C. A.  
 Ohio 1126 Shepherd Street N. E.  
 Va. Ballston, Va.  
 D. C. 3226 Warder Street
- Tex. 1909 Kenyon Street  
 Tex. 1909 Kenyon Street  
 Va. 1787 Lanier Place  
 D. C. 1787 Lanier Place



- \*Nathanson, Sadie C. (II, 10½)  
 Neacy, William (IV, 39)  
 \*Nearman, Helen M. (IV, 12)  
 \*Neill, William L., Jr. (III, 12)  
 \*Nelson, Robert M. (II, 0)  
 Nettleton, Malvern (II, 30)  
 \*Netzer, Solomon (V, 0)  
 Newby, Robert E. (IV, 17)  
 Newell, Alphonso M. (II, 21)  
 Newell, Constance (II, 115)  
 Newell, Roger S. (IV, 95)  
 Newman, Adelaide (IV, 28)  
 Newton, Hazel M. (VI, 15)  
 Newton, Helen K. (II, 32)  
 †Nichols, John M. (IV, 0)  
 Nichols, Kathryn Agnes (II, 93)  
 Nicholson, Margaret M. (V, 94)  
 Nimetz, Aaron (V, 90)  
 Noble, Grace R. (III, 0)  
 Noel, Faye (VI, 0)  
 \*Nolan, James F. (IV, 122)  
 \*Norfleet, Robert F. (IV, 30)
- O'Connor, George E. (IV, 10½)  
 O'Connor, Marjorie A. (II, 0)  
 O'Donnell, Lambert (IV, 0)  
 O'Flaherty, Daniel (IV, 110)
- \*Ogden, Vivian (IV, 36)  
 Ohlander, Lyle W. (IV, 0)  
 Olson, Oliver M. (II, 104)
- Omwake, Katharine T. (II, 34)  
 Opdyke, Myrtle M. (II, 0)  
 Ortega, Julian A. (IV, 35 1/3)  
 Orton, Clarence F. (III, 6)  
 \*O'Shaughnessy, Kathleen D. (II, 21)  
 Ostrow, Aaron Harry (VI, 9)  
 Overstreet, Alice R. (II, 0)  
 Overstreet, Dorothy L. (II, 35)  
 Overstreet, Walter E. (IV, 45)  
 \*Owens, Clarence J., Jr. (IV, 17)
- Pabst, Anna M. (II, 16)  
 Pabst, Helen G. (II, 82)  
 Pagter, Chas. R. (III, 78)  
 Palmer, Barber C. (II, 0)  
 Palmer, Charles C. (IV, 0)  
 Palmer, J. Joseph W. (VI, 60)  
 Palomar, Gaudiosa P. (II, 58)  
 Parker, Evelyn (V, 55)  
 \*Parkinson, Grace S. (IV, 0)  
 Parks, Ruth A. (II, 34)  
 Parrott, Elizabeth H. (II, 39)  
 Passalacqua, Luis A. (V, 87)  
 Patison, Mrs. Frances (II, 48)  
 \*Patterson, Homer S. (V, 90)  
 Patterson, John T. (IV, 9)  
 Pattison, Dorothy (II, 0)  
 Pearson, Essie Lee (II, 84)  
 \*Pepperman, Harriett J. (II, 0)  
 Perales, Alonzo (IV, 0)  
 Periam, Helen J. (II, 0)  
 Perkins, Helen F. (V, 52)  
 Perry, Virginia Custis (II, 3)  
 Peterson, Anna M. (II, 45)  
 Peterson, Caroline E. (VI, 54)  
 \*Peterson, Emmett J. (IV, 139½)  
 Peterson, Robert K. (II, 56)  
 \*Phelps, Annabelle W. (III, 118)  
 Phillipps, Arletta (VI, 6)
- D. C. 1787 Lanier Place  
 D. C. 643 Q Street  
 Mich. 1722 H Street  
 Tex. 1842 Calvert Street  
 D. C. 312 House Office Bldg.  
 D. C. 1746 Euclid Street  
 N. Y. 1135 6th Street  
 D. C. 1222 Euclid Street  
 D. C. 2922 Carlton Avenue N. E.  
 D. C. 1829 Phelps Place  
 D. C. 1829 Phelps Place  
 Tenn. 1971 Biltmore Street  
 Mass. 1319 Harvard Street  
 D. C. 1625 R Street  
 S. C. 1300 Pennsylvania Avenue  
 D. C. The Portner  
 D. C. 1000 Maryland Avenue  
 D. C. 1544 9th Street  
 Iowa 2106 F Street  
 Iowa 1717 E. Capitol Street  
 N. J. 1750 Massachusetts Avenue  
 Va. 810 Taylor Street
- D. C. 1436 V Street  
 D. C. 1740 K Street  
 D. C. 3509 Macomb Street  
 Va. 2 Jefferson Avenue, S. Wash-  
 ington, Va.  
 Mo. 3121 Mt. Pleasant Street  
 D. C. 21 Randolph Place  
 Iowa 329 Homer Bldg., 13th and F  
 Streets  
 D. C. 1846 Ingleside Terrace  
 N. J. The Chastleton  
 P. I. Y. M. C. A.  
 Nebr. Sherman & Garfield Sts.  
 Mass. 3101 13th Street
- Russia 1414 12th Street  
 D. C. 222 E. Capitol Street  
 D. C. 1426 Buchanan Street  
 S. C. 222 E. Capitol Street  
 Md. 3209 Highland Place
- D. C. 4622 15th Street  
 D. C. 4622 15th Street  
 D. C. 903 Buchanan Street  
 Ky. 411 2nd Street  
 D. C. 1750 Massachusetts Avenue  
 D. C. 84 V Street  
 P. I. The Alabama Apartments  
 Vt. Toronto Apartments  
 Iowa T-U Bldg., Government Hotels  
 Mass. 1420 R Street  
 Ohio 1319 Kenyon Street  
 P. R. 1418 N Street  
 Texas G. W. U.  
 Ga. 1832 Biltmore Street  
 D. C. 1333 Park Road  
 D. C. 2808 27th Street  
 D. C. 22 Channing Street  
 Mich. 1860 Mintwood Place  
 Tex. 800 21st Street  
 N. J. 1104 M Street  
 Pa. 1836 Connecticut Avenue  
 D. C. 2018 G Street  
 Iowa 1415 Monroe Street  
 Cal. Naval Medical School  
 Cal. 246 House Office Bldg.  
 Va. 2015 I Street  
 D. C. Wardman Park Hotel  
 D. C. 1745 1st Street

- Phillips, George W. (VI, 0)  
 Phillips, Joseph E. (VI, 23½)  
 \*Phillips, Ruth (II, 28)  
 Phoebe, Gladys E. (III, 72)  
 Pickering, Wasie (II, 12)  
 \*Pitcher, Lois (IV, 112)  
 Pittman, Estelle M. (II, 12)
- Platt, E. Halsted (IV, 30)  
 \*Platt, James L., Jr. (III, 120)  
 †Pollock, Robert W. (IV, 0)  
 Pope, Gladys A. (III, 42)  
 †Porter, Vivien W. (II, 84)  
 \*Postles, Mrs. Ruth C. (II, 3)  
 \*Potter, Mrs. Mildred E. (VI, 0)  
 Potts, J. Bernard (IV, 10½)  
 Powell, Ada L. (III, 58)  
 Powell, Martha P. (II, 12)  
 †Powers, Robert S. (II, 0)  
 \*Preble, Marjorie E. (III, 10)  
 Prentiss, Wm. C., Jr. (III, 10)  
 \*Price, Hazel H. (II, 0)  
 Price, James R. (IV, 93)  
 \*Price, Marion M. (II, 0)  
 \*Probst, Carol M. (II, 0)  
 Proctor, Lucy R. (II, 21)  
 Pucci, Dominic L. (II, 0)
- Pulliam, Robert W. (IV, 61)  
 Purse, Mrs. Grace G. (IV, 4)  
 Pusey, Elmer M. (IV, 113)  
 Putnam, Amy D. (II, 96½)  
 Pyle, Theresa P. (II, 12)  
 Quirk, Mary E. (IV, 31)  
 Quigley, George W. (III, 101)  
 Quinn, David L. (IV, 99)  
 \*Quinn, Herbert E. (IV, 15)  
 \*Quinn, Norris W. (II, 0)  
 \*Radelfinger, Blanche (II, 0)  
 Ramage, Elizabeth H. (V, 0)  
 Ramage, Josephine C. (II, 1½)  
 Ramsay, Harold T. (III, 0)  
 †Ramsay, Lena (II, 3)  
 \*Ramsey, Elizabeth R. (III, 12)  
 Ramsey, Margaret C. (II, 45)  
 Randall, Lorena (II, 12)
- Randolph, Stella (II, 85)  
 †Ranker, Gertrude A. (IV, 6)  
 \*Ranney, Everett J. (VI, 0)  
 Ransome, Janet (III, 0)  
 Rappolee, Edward (IV, 0)
- Rawlings, Mary L. (II, 0)  
 \*Rayer, Irene (II, 9)  
 Reagle, Hilda R. (IV, 0)  
 Rebuschatis, Marion (II, 3)  
 \*Rector, Clarence E. (VI, 0)  
 Redinger, Carl C. (IV, 31)  
 Reed, Bernice P. (II, 0)  
 Reed, Elizabeth F. (IV, 10)  
 \*Reed, Fred C. (V, 46)  
 \*Reed, Paul C. (IV, 39)  
 Reeder, Julia P. (II, 0)  
 Regan, Agnes E. (IV, 11)  
 \*Reichgut, Ruth (IV, 0)  
 Reisinger, Dorothy E. (II, 0)  
 Reynolds, Hazel V. (IV, 27)  
 Reynolds, Julia Sue (IV, 0)
- \*Rhoades, George G. (VI, 0)  
 Rhodes, Blanche M. (II, 0)
- III. 610 Longfellow Street  
 Mo. 919 H Street  
 D. C. 3823 New Hampshire Avenue  
 D. C. 222 Park Avenue, Takoma Park  
 D. C. The Toronto  
 D. C. 3910 McKinley Street  
 Md. 105 Thornapple Street, Chevy Chase, Md.  
 D. C. 3802 Yuma Street  
 S. C. 2511 14th Street  
 Iowa 1315 Clifton Street  
 D. C. 3214 Newark Street  
 D. C. 1881 3rd Street  
 D. C. 4101 3rd Street  
 D. C. 1223 Euclid Street  
 D. C. 534 20th Street  
 Tex. Carlisle Court  
 D. C. 1122 11th Street  
 N. Y. 310 Indiana Avenue  
 D. C. 3027 Newark Street  
 D. C. 1720 Oregon Avenue  
 D. C. 1736 Columbia Road  
 Ala. 1735 Pennsylvania Avenue  
 D. C. 3212 Newark Street  
 D. C. 721 Quebec Place  
 Tex. 1439 T Street  
 Mich. 3211 McKinley Street, Chevy Chase, D. C.  
 N. C. 1480 Chapin Street  
 D. C. 530 20th Street  
 Md. 2116 Connecticut Avenue  
 N. J. 910 19th Street  
 D. C. 1601 S Street  
 Va. Clarendon, Va.  
 Pa. Bureau of Standards  
 Md. 2224 F Street  
 Tex. 1226 N Street  
 Va. 1400 New York Avenue  
 D. C. 1431 Chapin Street  
 Va. Alexandria, Va.  
 Va. Alexandria, Va.  
 Mass. 2700 Connecticut Avenue  
 D. C. 3053 16th Street  
 Va. Cherrydale, Va.  
 D. C. 813 Massachusetts Avenue N. E.  
 Md. 209 Maple Avenue, Takoma Pk., Md.  
 III. 1320 15th Street  
 Ohio 21 K Street N. E.  
 Conn. 100 I Street  
 D. C. 1455 Belmont Street  
 D. C. Library of Congress, Copyright Office  
 D. C. 3141 Mt. Pleasant Street  
 D. C. 1336 Harvard Street  
 D. C. 71 V Street  
 D. C. 3228 Hiatt Place  
 N. C. 1721 21st Street  
 W. Va. 903 Buchanan Street  
 N. Y. 1205 15th Street  
 D. C. 1518 Kearney Street N. E.  
 D. C. 1762 N Street  
 Ia. 280 House Office Bldg.  
 D. C. The Chastleton  
 N. Y. 915 L Street N. E.  
 D. C. 1350 Fairmont Street  
 D. C. 2020 Summit Place N. E.  
 Md. 503 River Road, Bethesda, Md.  
 Ga. 110 S. Columbus Street, Alexandria, Va.  
 Mo. 1752 17th Street  
 D. C. 1406 11th Street



- Rhodes, Fredda (II, 27)  
 †Richards, Helen E. (III, 14)  
 \*Ricketts, Charles W., Jr. (II, 42)  
 Riegner, Charles H. (VI, 0)  
 †Riemen, William A. (IV, 0)  
 Rinebolt, Gertrude (IV, 0)  
 Ripsom, Edith I. (III, 0)  
 Roach, Jessie D. (II, 27)  
 Robb, Seymour (II, 60)  
 \*Robbin, Frances R. (II, 3)  
 Roberts, M. Clyde (II, 0)  
 \*Roberts, Vernon A. (IV, 0)  
 Robertson, Carrie E. (VI, 3)  
 Robertson, John R. (IV, 12)  
 \*Robin, Edith (IV, 0)  
 Robsian, Daisy S. (II, 46)  
 Robsian, John M., Jr. (IV, 12)  
 Roebkin, Esther M. (II, 7½)  
 Rolle, Maxine F. (II, 34)  
 Romhilt, Helen J. (III, 97)  
 Rommel, George F. (VI, 80)  
 †Rosenberg, Jennie (II, 12)  
 \*Rosenberg, Max (VI, 0)  
 \*Rosenberg, Milton (VI, 0)  
 Rosenlund, Arthur J. (VI, 46)  
 \*Rosinski, Gertrude L. (II, 30)  
 Ross, Faucett W. (IV, 13)  
 Ross, Kathleen (IV, 30)  
 Rowland, M. Elston (II, 99)  
 Ruddiman, Minnette H. (II, 63)  
 Ruff, Mary C. (IV, 9)  
 Rupert, Pearl P. (II, 3)  
 \*Rush, Anna M. (II, 24)  
 Russell, Frank F. (I, 0)  
 Russell, Margaret C. (III, 69)  
 Ruthven, Mary F. (II, 45)  
 †Rutley, Joseph S. (V, 0)  
 Ryan, Alfred E. (III, 70)  
 Ryan, Loretta H. J. (II, 0)  
 †Sager, Bert E. (IV, 31½)  
 Sammons, Charles M. (IV, 22)  
 Samson, Alfredo (VI, 17)  
 Sandager, Harry (II, 95)  
 Sasman, Cora E. (II, 2)  
 \*Saunders, Randall N. (III, 77)  
 Sawyer, Vera C. (II, 55)  
 Sawyer, Verdon A. (III, 27)  
 \*Sazama, Helen C. (II, 0)  
 †Schnaff, Mary A. (II, 59)  
 Schenfler, Edward L. (IV, 90)  
 Schoenfelder, Helena D. (II, 57)  
 Schoffstall, Charles W. (III, 92)  
 Schofield, Irma A. (II, 20)  
 Schwartz, Marion E. (IV, 48)  
 \*Schwartz, Morris S. (IV, 3)  
 †Schwinn, Gordon G. (II, 0)  
 Scott, Frances M. (II, 0)  
 Scott, Georgetown (II, 0)  
 Seibold, Louis E. (IV, 4½)  
 Selden, Paul H. (III, 74)  
 \*Selvey, Helen R. (III, 6)  
 †Serrano, Carlos A. (VI, 0)  
 Severance, Clifton H. (VI, 0)  
 \*Seybert, Bonnie (II, 0)  
 \*Shafer, Rhoda A. (II, 0)  
 \*Shanahan, Claire T. (II, 0)  
 Sharp, Eliza C. (II, 0)  
 Shaw, Alice H. (IV, 4)  
 Pa. 2721 11th Street  
 D. C. 45 D Street S. E.  
 D. C. 1736 F Street  
 Pa. 621 E Street N. E.  
 Iowa 821 Otis Place  
 Ind. 1506 Columbia Road  
 N. Y. X-Y Bldg., Govt. Hotels  
 Ill. 1320 15th Street  
 D. C. 1131 7th Street N. E.  
 D. C. 3225 Hiatt Place  
 Miss. 983 N Street  
 D. C. 1628 Columbia Road  
 Mo. 1332 I Street  
 Miss. 825 Vermont Avenue  
 D. C. 3603 10th Street  
 Ky. 106 C Street S. E.  
 Ky. 106 C Street S. E.  
 D. C. 5224 Illinois Avenue  
 D. C. 134 Quincy Place N. E.  
 Ind. 2011 Franklin Street N. E.  
 D. C. 21 Myrtle Street N. E.  
 Va. 122 N. Royal Street, Alexandria, Va.  
 D. C. 127 F Street  
 D. C. 819 6th Street  
 Minn. 3320 16th Street  
 D. C. 5758 Georgia Avenue  
 D. C. 1720 Kenyon Street  
 D. C. 815 10th Street  
 Tenn. The Madeira  
 D. C. 1657 Lamont Street  
 Pa. Virginia Apartments  
 D. C. 2030 F Street  
 D. C. 119 Carroll Avenue, Takoma Park  
 D. C. The Rochambeau  
 D. C. 1916 G Street  
 D. C. The Argyle  
 D. C. 4710 Davenport Street  
 D. C. 3238 13th Street  
 Mass. 1610 1st Street  
 Md. Mt. Rainier, Md.  
 Colo. 509 Massachusetts Avenue  
 D. C. 1520 K Street  
 R. I. 103 House Office Building  
 Wis. 1319 Quincy Street  
 D. C. 1323 Columbia Road  
 N. Y. 1320 15th Street  
 N. Y. Y. M. C. A.  
 D. C. 6210 3d Street  
 D. C. 1824 Monroe Street  
 Kans. Y. M. C. A.  
 Iowa Employees' Compensation Bureau  
 Pa. 1829 19th Street  
 D. C. 1220 Fairmont Street  
 D. C. 2414 12th Street N. E.  
 D. C. 209 McLachlen Building  
 D. C. 1731 Columbia Road  
 D. C. 4008 7th Street  
 Pa. 1414 16th Street  
 D. C. 756 Rock Creek Church Road  
 D. C. 1351 Ingraham Street  
 D. C. 2606 Mozart Place  
 Columbia 1715 Eye Street  
 S. A.  
 N. H. 1270 New Hampshire Avenue  
 Va. 1631 Newton Street  
 Ohio 1711 Connecticut Avenue  
 Kans. 3554 11th Street  
 Ind. 1322 L Street  
 D. C. 317 F Street N. E.

- \*Shaw, Howard K. (IV, 120)  
 Shawn, George B. (III, 76½)  
 Shea, James W. (IV, 98)  
     LL. B. Washington College of  
     Law  
 \*Shea, Mary F. (II, 24)  
 \*Shea, Thomas I. (VI, 82)  
 Shearman, Janet C. (IV, 30)  
 Shepard, Alice M. (V, 3)  
 Shepard, Ernest S. (IV, 43)  
 †Shepherd, Edwin J. (II, 18)
- Sheriff, George R. (IV, 87)  
 Shillinger, J. E. (V, 0)  
 Shinn, Clarice F. (II, 61)  
 \*Shively, Mrs. Eva T. (II, 10)  
 †Short, Verna G. (VI, 50)  
 Shugrue, Fenwick (V, 80½)  
 †Shumaker, W. Warren (IV, 12)  
 Shutack, John (IV, 61)  
 Siegler, C. Estelle (II, 74)  
 \*Silva, Pablo M. (II, 9)  
 Silver, Reva (II, 34)  
 Simmonds, Albert G. (VI, 0)  
 Simon, David R. (IV, 57)  
 Sladen, W. Milton (II, 48)  
 \*Slapnick, Helen (II, 0)  
 \*Slayback, Lucile (II, 9)  
 Sloan, Nathaniel C. (III, 41)  
 \*Sloane, Mrs. Anne B. (VI, 147½)  
 \*Smend, Llewellyn W. (IV, 15)  
 Smend, Winifred E. (VI, 0)  
 Smith, Alice C. (III, 74)  
 Smith, Ardis A. (IV, 50)  
 Smith, Audley L. (II, 68)  
 \*Smith, Clarence E. (IV, 76)  
 Smith, Cleala L. (II, 0)  
 Smith, Della (II, 0)  
 †Smith, Hassell B. (IV, 0)  
 \*Smith, Helen (II, 12)  
 Smith, Lillian M. (IV, 84)  
 \*Smith, Virginia M. (II, 34)  
 Smithwick, William V. (IV, 91)  
 \*Smoot, Ernest (VI, 0)  
 Smyth, Walter W. (I, 123)  
 Snider, George G. (V, 99½)  
 Soars, Margaret I. (V, 91)  
 Soeth, Dorothy (II, 0)  
 \*Somdal, Carl T. (III, 0)  
 Somerville, Thomas, Jr. (IV, 0)  
 Sorber, D. Glenn (III, 75½)  
 Sorenson, James C. (VI, 12)  
 Spear, Albert A. (III, 90)  
 Speer, Ray (II, 17)  
 \*Spoerri, Jay Fuller (II, 120)  
 Stadler, Robert B. (VI, 126)  
 Stambaugh, Anna M. (II, 13)  
 Stanton, William H. V. (I, 0)  
 Stearns, Mrs. Alma C. (II, 6)  
 Steel, Annette E. T. (II, 92)  
 Steinberg, Pearle R. (II, 28)  
 Stephens, Dorothea (II, 30)  
 \*Stephens, Ernest W. (IV, 121)  
 Stephens, Wilda E. (II, 0)  
 Stevens, Edwin H. (II, 12)  
 \*Stevens, Ruth (II, 6)  
 Stewart, Mary (II, 82)  
 Stiles, Theobelle (II, 24)  
 Stitt, Agnes W. (II, 0)
- \*Stone, Darrus M. (IV, 21)  
 Storck, Dorothea F. (II, 43)  
 \*Storey, William J. (IV, 0)
- N. J. 1100 Vermont Avenue  
 Md. Bureau of Standards  
 D. C. 4427 Iowa Avenue
- D. C. 732 Morton Street  
 Conn. 15 Girard Street N. E.  
 D. C. 1453 Girard Street  
 N. H. 1101 K Street  
 D. C. 1114 25th Street  
 D. C. 1407 North Carolina Avenue  
     N. E.  
 D. C. 1415 Chapin Street  
 Md. 1107 Irving Street  
 Ind. E-F Bldg., Government Hotels  
 D. C. 3121 Mt. Pleasant Street  
 D. C. 1329 Belmont Street  
 D. C. 1801 Calvert Street  
 D. C. 2134 F Street  
 Pa. 608 Elliott Street N. E.  
 D. C. 115 Oak Avenue, Takoma Park  
 D. C. 1817 F Street  
 Md. Odenton, Md.  
 Va. Cherrydale, Va.  
 D. C. 2802 Cathedral Avenue  
 D. C. 120 11th Street S. E.  
 Iowa Copley Courts  
 Ark. 3510 New Hampshire Avenue  
 D. C. 4314 15th Street  
 Sweden Burlington Hotel  
 Md. 1603 Massachusetts Avenue  
 Ind. 1326 Massachusetts Avenue  
 Conn. 3242 38th Street  
 Iowa 702 20th Street  
 Iowa 2007 F Street  
 Va. 717 6th Street  
 Ill. Ballston, Va.  
 Okla. 2129 G Street  
 Ill. 424 E. Capitol Street  
 Iowa 1828 I Street  
 D. C. 3919 14th Street  
 S. D. The Calverton  
 D. C. 1868 Columbia Road  
 D. C. 2521 Connecticut Avenue  
 Conn. 1016 15th Street  
 Mich. 1431 Chapin Street  
 Pa. 1916 G Street  
 Iowa I-K Bldg., Government Hotels  
 Ill. 1726 N Street  
 D. C. 5600 16th Street  
 Wash. 1717 17th Street  
 Kans. 1917 G Street  
 D. C. 4 6th Street N. E.  
 Kans. 1825 K Street  
 Ill. House Office Building  
 Texas Treasury Department  
 D. C. 1240 D Street N. E.  
 D. C. 1427 Newton Street  
 D. C. 2919 South Dakota Avenue N. E.  
 Pa. 2019 N Street  
 Ga. 1317 Irving Street  
 D. C. 1714 Summit Place  
 S. Dak. 3320 16th Street  
 Mo. X-Y Bldg., Government Hotels  
 Md. Box 47, La Plata, Md.  
 Mass. Anacostia, D. C.  
 Tenn. The Naples  
 N. Dak. 1436 N Street  
 Md. Ridgewood Avenue, Chevy  
     Chase, Md.  
 D. C. 1022 Spring Road  
 Va. R. F. D. No. 2, Alexandria, Va.  
 Del. Y. M. C. A.



- \*Stout, Mrs. Agnes J. (II, 87)  
 \*Stout, Forrest D. (V, 121½)  
 Stoutmayer, Helen (III, 40)  
 Straley, Harrison W., 3d (III, 25)  
 Street, Mrs. Eva B. (II, 0)  
 Stringham, Emerson (III, 59)  
 Stritsinger, Elizabeth (II, 0)  
 Strother, David H. (III, 86)  
 Sulit, G. L. (III, 0)  
 Sullivan, Angela (II, 12)  
 Sullivan, Florence (IV, 113)  
 Sullivan, James F. (VI, 54)  
 Summers, Miss Elder P. (I, 102)  
 Sutfin, James A. (III, 28)  
 Swecker, Icie Lillian (IV, 82)
- Sweeney, William T. (III, 31)  
 Swindells, Frank E. (III, 24)  
 Symons, Arthur (VI, 65½)  
 Sze, Wai Ling (II, 98)
- Tansil, Rebecca C. (II, 85)  
 †Taylor, Della L. (II, 38)  
 \*Taylor, Frank (VI, 0)  
 \*Taylor, Robert M. (V, 120)
- Thomas, Eugene S. (IV, 12)  
 Thomas, Laura K. (II, 57)  
 Thompson, Helen B. (II, 56)  
 \*Thomson, Elsie A. (VI, 19)  
 \*Thorne, Francis B. (II, 18)  
 Thorne, Maurice A. (III, 105)  
 Thurber, Mildred E. (V, 55)  
 Tice, Howard M. (IV, 114½)  
 \*Ticknor, Flora W. (VI, 0)  
 Tilton, Emily (I, 0)  
 †Titus, Harold H. (VI, 0)  
 Tolson, Clyde A. (IV, 31)  
 Tolson, Hillory A. (II, 45)  
 \*Townsend, Willis B. (II, 0)  
 †Trenholm, Gerald Lee (IV, 0)  
 Trimble, Gerald R. (VI, 0)  
 Truscott, Hazel R. (IV, 16½)  
 Trusheim, Edwin R. (IV, 12)  
 Tso, Wai-Ting (VI, 12)  
 †Turner, Bolton B. (IV, 131)  
 Turner, Marie A. (II, 81)
- Umbeck, Nelda R. (II, 70)  
 Updegraff, C. M. (IV, 105)
- Utz, Ruth E. (I, 0)
- Vaccaro, Josephine M. (II, 30)  
 Vaccaro, Mary J. G. (II, 28½)  
 Vail, Margaret L. (IV, 3)  
 Van Doren, Lurana (III, 76)  
 \*Vaux, Catherine L. (II, 94½)  
 Veley, Bernice A. (III, 38)  
 Vickers, Rose (II, 95)  
 Viens, Bernard G. (VI, 66)  
 \*Voorns, Robert A. (I, 26)
- Wagonseller, Edith M. (II, 9)  
 \*Walts, Katherine E. (II, 107)  
 Walker, C. Melville (VI, 86)  
 Walker, Dorothy (VI, 18)  
 Walker, Effie L. (II, 90)  
 Wall, Irving I. (IV, 12)  
 Wallace, Ralph W. (IV, 3)
- Walter, Nellie M. (II, 3)
- Colo. 1812 K Street  
 Kans. 2162 Florida Avenue  
 D. C. 4012 14th Street  
 W. Va. 1786 Columbia Road  
 D. C. 1300 Massachusetts Avenue  
 N. Y. U. S. Patent Office  
 D. C. Washington Barracks  
 W. Va. 3153 Mt. Pleasant Street  
 P. I. Georgetown University  
 D. C. 1368 Kenyon Street  
 Pa. 1312 Fairmont Street  
 Mass. 502 1st Street S. E.  
 Va. 1715 G Street  
 D. C. 1534 16th Street  
 Va. 300 Virginia Avenue S., Clarendon, Va.  
 Va. Gainesville, Va.  
 D. C. 3426 Macomb Street  
 Mich. 1311 N Street  
 China 2026 G Street
- Tenn. 1860 Mintwood Place  
 Md. Glen Echo, Md.  
 D. C. 3453 Newark Street  
 D. C. 607 North Carolina Avenue S. E.  
 D. C. 717 Massachusetts Avenue N. E.  
 Kans. 4909 14th Street  
 Ark. 1330 Massachusetts Avenue  
 N. Y. 2544 14th Street  
 D. C. 205 D Street N. E.  
 Md. Beechwood, Tunlaw Road  
 N. Y. 914 Massachusetts Avenue  
 Pa. 2005 G Street  
 D. C. Hotel Gordon  
 D. C. 1920 S Street  
 D. C. 1909 H Street  
 Iowa 1733 N Street  
 Iowa 1733 N Street  
 D. C. 321 A Street S. E.  
 S. Dak. 902 M Street  
 D. C. 1501 16th Street  
 D. C. 3130 Walnut Street N. E.  
 D. C. 210 B Street S. E.  
 China 1343 E Street  
 Ark. 1312 N Street  
 N. C. 1730 Q Street
- Mo. The Hadleigh  
 Md. 14 Sycamore Avenue, Takoma Park, Md.  
 Va. 308 16th Street S. E.
- Italy 316 H Street  
 D. C. 800 6th Street N. E.  
 D. C. The Ambassador  
 D. C. 723 8th Street N. E.  
 Pa. 1860 Columbia Road  
 N. Y. 3814 5th Street  
 Md. 3339 N Street  
 1430 Rhode Island Avenue  
 Mass. 1823 I Street
- D. C. 738 Rock Creek Church Road  
 Miss. 1918 I Street  
 D. C. 1829 19th Street  
 D. C. 1431 Newton Street  
 Miss. 1229 Connecticut Avenue  
 D. C. 1034 20th Street  
 Okla. Care Hon. L. M. Gensman, M. C.  
 Ohio 1824 California Street

- \*Wang, Robert U. (IV, 126)  
 \*Wang, W. Shih-Nai (IV, 124)  
 Ward, Arthur Lee (IV, 24)  
 Ward, Mary Frances (II, 17)  
 Waring, Anna F. (IV, 0)  
 \*Warner, William J. (III, 120)  
 Warren, Bessie B. (IV, 6)  
 Warren, Dorothy (II, 12)  
 Watt, Lucy (I, 92)  
 Waung, Ang-Chung (VI, 67)  
 Weadon, Leafy M. (II, 27)  
 \*Weber, Georges M. (VI, 116)  
 Webster, Frances M. (II, 0)  
 Weckerly, Ida (IV, 5)  
 Weigandt, Harry N. (IV, 85)  
 Weikert, Gladys L. (I, 12)  
 Weinshelbaume, Samuel (V, 86½)  
 \*Weiss, George (II, 142)  
 Wells, Arthur W. (III, 59)  
 \*Welo, Hazel (II, 0)  
 Wenger, Marie Ruth (II, 0)  
 West, Caroline (IV, 18)  
 Weyl, Celeste M. (IV, 65)  
 \*Wheeler, Edward S. (II, 0)  
 Wheelchel, K. Louise (IV, 57)  
 †White, Clay M. (III, 0)  
 White, Edwin Lee (III, 89½)  
 \*White, Helen M. (II, 121)  
 White, Robert E. (IV, 34)  
 Whitfield, Elizabeth F. (IV, 0)  
 †Whitman, Le Roy H. (II, 0)  
 \*Whitman, Marian R. (II, 0)  
 \*Wilder, William F. (III, 157½)  
 \*Wildman, Louyse U. (III, 0)  
 \*Wiley, Virgil Brooks (IV, 105½)  
 Wilgus, Mildred (VI, 21)  
 Wilkes, James C. (IV, 0)  
 \*Willey, Harold B. (IV, 39)  
 Williams, Carrie A. (II, 6)  
 Williams, Helen H. (IV, 57)  
 Williams, John A. (IV, 0)  
 Williams, Louise E. (II, 59)  
 Williams, Milton L. (IV, 9)  
 \*Williamson, Kenneth T. (II, 0)  
 Williford, Imogene (IV, 15)  
 Willis, Benjamin C. (VI, 87)  
 \*Willis, John E. (III, 4)  
 \*Willis, Robert E., Jr. (VI, 0)  
 Wilson, Anna (II, 0)  
 Wilson, Genevieve J. (II, 54)  
 Wilson, Herman M. (II, 0)  
 Wilson, Phoebe A. (III, 0)  
 Wilson, Robert C. (VI, 27)  
 Wilson, Ruth (II, 15)  
 Wilson, Thomas B. (V, 29)  
 \*Wimsatt, Genevieve B. (II, 0)  
 \*Winter, Ruth C. (III, 0)  
 Wischart, Malcolm B. (IV, 81)  
 Wolpe, Ethel D. (II, 12)  
 \*Wong, T. P. Gladstone (IV, 29)  
 Woodson, Mrs. Fred Lee (IV, 30)  
 LL. B., G. W. U.  
 Woolard, Edgar W. (III, 6)  
 \*Woolery, John (II, 0)  
 Wormser, Hazel M. (II, 18)  
 \*Worthington, George B. (IV, 9)  
 Wrenn, Katharine T. (II, 0)  
 Wright, Debbye Jeann (II, 19)  
 China 1764 K Street  
 China 2217 H Street  
 Calif 1736 G Street  
 Pa. 1801 I Street  
 D. C. 616 Quebec Place  
 Calif. 1107 Clifton Street  
 Md. 64 Livingston Road, Congress Heights  
 Md. Silver Spring, Md.  
 D. C. 113 Massachusetts Avenue  
 China 2419 Massachusetts Avenue  
 Va. 8413 P Street  
 D. C. 4311 Jewett Street  
 D. C. 1901 Wyoming Avenue  
 Md. 105 E. Bradley Lane, Chevy Chase, Md.  
 D. C. 1116 Rhode Island Avenue  
 S. Dak. 637 Park Road  
 D. C. 1017 12th Street  
 Minn. 2028 F Street  
 Ind. 626 Rock Creek Church Road  
 Minn. 1104 M Street  
 D. C. The Chastleton  
 Va. 224 N. St. Asaph Street, Alexandria, Va.  
 Ill. 1308 Connecticut Avenue  
 Mass. 1600 Rhode Island Avenue  
 D. C. 1840 Biltmore Street  
 D. C. 65 Florida Avenue  
 D. C. 5200 13th Street  
 D. C. 1002 Nichols Avenue S. E.  
 S. C. 1910 G Street  
 D. C. 806 F Street N. E.  
 D. C. 949 Shepherd Street  
 D. C. 201 Maryland Avenue N. E.  
 N. J. 1523 22d Street  
 D. C. 1232 Euclid Street  
 Del. 808 19th Street  
 Ohio 1404 M Street  
 D. C. 2319 N. Capitol Street  
 Mass. 3020 Macomb Street  
 Mo. 1401 Columbia Road  
 D. C. 3917 McKinley Street, Chevy Chase  
 Va. 1819 K Street  
 D. C. 3917 McKinley Street, Chevy Chase  
 Miss. 1733 N Street  
 D. C. 3308 8th Street N. E.  
 Miss. 30 9th Street S. E.  
 Md. 1603 Massachusetts Avenue  
 N. Y. 2511 Hall Place  
 Ill. 3313 22d Street N. E.  
 Ohio The Hadleigh  
 D. C. The Cumberland  
 Md. 1917 S Street  
 Md. Bethesda, Md.  
 N. C. 238 1st Street S. E.  
 Ark. 213 5th Street N E  
 La. Sherman Apartments  
 D. C. 215 8th Street S. W.  
 Pa. 1216 Girard Street N. E.  
 Ill. Y. M. C. A.  
 D. C. 918 4½ Street S W  
 China 932 New York Avenue  
 Mo. 1750 Columbia Road  
 D. C. 2028 F Street  
 Okla. 4402 7th Street  
 Kans. 1226 13th Street  
 Ala. 1217 Odis Place  
 D. C. The Wyoming  
 Ark. 1104 M Street



Wright, Katherine V. (II, 0)	D. C.	1501 Lamont Street
*Yeldell, Fanny F. (III, 0)	Texas	1114 Vermont Avenue
Young, Harold M. (III, 0)	D. C.	102 Columbia Street, Cherrydale, Va.
Youngman, Frederick E. (IV, 0)	Wyo.	1734 K Street
*Zamierowski, Sigmund S. (IV, 0)	Pa.	1328 Columbia Road
Zanner, Albert W. (VI, 19)	D. C.	1608 Longfellow Street
*Zimmerman, Alice D. (IV, 0)	Md.	1428 R Street
Zimmerman, Gretchen O. (II, 27)	Pa.	2018 F Street
Zimmerman, William E. (IV, 119)	Pa.	1603 Massachusetts Avenue
Zirkle, Vernon B. (IV, 31)	Va.	410 3d Street
Zobel, Carl G. F. (III, 102½)	D. C.	701 Rock Creek Church Road
Zobel, Oscar A. (IV, 0)	Wash.	704 20th Street
Zucker, Joseph (II, 35)	N. Y.	2716 Ontario Road

## BACHELOR OF SCIENCE IN MEDICINE

Atalla, George G. (26½)	Egypt	1127 11th Street
*Berkman, Morris H. (0)	D. C.	816 B Street S. W.
Boettcher, Allen M. (0)	D. C.	1203 New Jersey Avenue
Bonanno, Emil S. (0)	N. Y.	2013 H Street
Bowen, Wilbur L. (41)	Va.	Emergency Hospital
*Brotman, Isadore I. (28)	D. C.	1430 Meridian Place
Burgin, Walter H. (62)	D. C.	1509 Vermont Avenue
Camp, Francis W. (64½)	D. C.	2823 27th Street
Charest, Anna M. (65)	Mich.	2581 Tunlaw Road
Cole, Hazen E. (72)	D. C.	639 East Capitol Street
Colvin, Henry L. (38)	D. C.	926 B Street S. W.
Cromer, Jerry K. (0)	Va.	1218 11th Street
*Cunningham, Frederick B. (43½)	Va.	Oakton, Va.
Davies, Joshua William (80)	Pa.	2032 F Street
†Gilbert, Harry Alyce (14 2-3)	Okla.	221 E. Capitol Street
Gittleman, Morton (0)	D. C.	1328 7th Street
†Handcock, Esther V. (34)	Santo Domingo	2140 Pennsylvania Avenue
Hottel, Dorothy (36½)	Md.	1239 Monroe Street N. E.
Ketner, Fred Y. (19)	N. C.	2140 N Street
Lampert, Fred W. (5)	Wash.	113 Kentucky Avenue S. E.
Lane, Abigail (31)	D. C.	1940 Biltmore Street
Lewis, Julius E. (31)	D. C.	813 L Street
†Orem, John Manly (0)	D. C.	47 Randolph Place
*Pagan, Albert E. (105)	D. C.	The Rochambeau
Ritchie, William S. (40)	Md.	Ritchie, Md.
Schuts, Charles A. (59½)	Md.	1825 Columbia Road
†Schwinn, George H. (0)	D. C.	1731 Columbia Road
Smith, Howard L. (31)	D. C.	643 9th Street N. E.
*Spano, Frank (34)	Italy	2013 H Street
Van Natta, Paul C. (74)	Mo.	1929 K Street
Venenozo, Fernando O. (48)	P. I.	1119 17th Street
Wiard, George C. (33)	Va.	933 New York Avenue

## SPECIAL—PRE- MEDICAL

Alpher, Isadore M. (0)	D. C.	20 New York Avenue
*Baer, Donald E. (39½)	D. C.	1744 Corcoran Street
Balter, Abraham (0)	Pa.	2015 G Street
Berman, Samuel B. (0)	D. C.	1138 7th Street
Bolen, Robert (0)	Va.	618 22d Street
Brimer, Thomas J. (33)	D. C.	1016 Massachusetts Avenue N. E.
*Brotman, Melvin (11)	D. C.	1430 Meridian Place
Brown, Elmer G. (0)	Md.	3211 Newton Street N. E., Mt. Rainier, Md.
*Burns, James E. (25)	D. C.	217 13th Street S. E.
†Butler, Arden J. (41)	Tenn.	1211 13th Street
Calhoun, Edward J. (26)	D. C.	1201 Girard Street
Castleman, Mary Lee (0)	Va.	East Falls Church, Va.
Chapman, Katherine (91)	Md.	Kensington, Md.
Cornas, Arsenio (32)	D. C.	1710 G Street
Copping, John B. (0)	D. C.	1632 17th Street
Creveling, Cyrus R. (16)	Pa.	511 9th Street S. W.
Dantsig, Louis (34)	D. C.	1237 C Street S. W.

- Davidson, James F. (39)  
 Detweiler, Donald J. (0)  
 Deuterman, Joel L. (22)  
 De Witt, John R. (40½)  
 Dorsey, James A. (39½)  
 Egli, Edwin B. (32)
- \*Elliott, John P. (121)  
 \*Eachback, Philip I. (8)  
 Fahey, Willis H. (0)  
 Farrar, Frederick W. (9)  
 Felps, Hugh E. (0)  
 Fradkin, William (0)  
 Friedenber, Harry (89)  
 Gable, George R. (0)  
 Gault, Paul S. (16)  
 Gelpi, William L. (6)  
 Ginsburg, Harry (0)  
 Gladmon, Oliver M. (0)  
 Goldstein, Alfred (28)  
 †Gordon, Leon S. (10)  
 Gracoff, Earl W. (0)  
 Graffius, Donald W. (0)  
 Green, Holland H. (31)  
 \*Grimley, George J. (0)  
 Haas, Nelson W. (0)  
 Harberg, Hyman (21½)
- Harmon, Robert H. (0)  
 \*Hennessey, John P. (10)  
 Heron, Holland (0)  
 Hixson, Clayton H. (16)  
 Hotzman, Herbert H. (0)  
 \*Howells, Russell W. (10½)  
 \*Hughes, William Henry (45)  
 Irizarry, Benito A., Jr. (0)  
 Jenkins, Francis M. (0)  
 Joost, David (68)  
 Kirk, Ella J. (0)  
 Kirk, May T. (6)  
 Krause, Edward A. (67)  
 Kundahl, Rose E. (0)  
 Lang, Richard J. (42)  
 Litteral, Emmett B. (10)  
 McCarthy, John L. (38)  
 \*McElhinney, William J. (0)  
 †MacCarteney, Richard S. (60)  
 MacIntyre, Malcolm F. (3)  
 \*Maroon, Mahine B. B. (0)  
 †Mayer, Joseph A. (45)  
 Meiman, William G. (40)  
 \*Montani, Rocco J. (88)  
 Murray, Raymond W. (28)  
 Neviasser, Arnold H. (10)  
 O'Donnell, A. Daniel (16)  
 Oertly, Allan W. (0)  
 Ostrom, Hilda R. (126)  
 Ottman, Millard F. (19)  
 Pabst, Edwina E. (0)  
 \*Petty, Edward A. (0)
- \*Putnam, Persis (13)  
 A. M., Smith College  
 \*Rea, Courts D. (34)  
 Reams, Paul E. (67)  
 Renz, Millard F. (32)  
 Riwehchun, Meyer (34)  
 Robb, Theodore (6)  
 Rogers, Sam L., Jr. (54)  
 Rooney, Harold E. (0)  
 \*Seward, Doris M. (29)  
 \*Shapiro, Maurice C. (0)  
 \*Simpson, Jesse N. (0)
- D. C. 2022 F Street  
 D. C. 1120 Virginia Avenue S. W.  
 Va. 1301 H Street  
 Ohio 1800 K Street  
 Va. Y. M. C. A.  
 Iowa The Leamington, 14th and Clif-  
 ton Streets  
 Md. 127 T Street  
 Md. 1817 Kalorama Road  
 D. C. 512 Rhode Island Avenue  
 D. C. 1452 Euclid Street  
 Tenn. 1531 P Street  
 N. Y. 315 7th Street N. E.  
 D. C. 917 6th Street S. W.  
 D. C. 4729 Georgia Avenue  
 Va. Naval Medical School  
 P. R. 1 Grant Place  
 D. C. 52 N Street  
 D. C. 1364 Irving Street  
 D. C. 633 D Street  
 D. C. 321 N Street S. W.  
 Pa. 2007 G Street  
 Pa. 116 Massachusetts Avenue  
 Ind. 2032 I Street  
 Mass. 201 I Street  
 N. Y. U. S. Weather Bureau  
 Va. 400 S. Lee Street, Alexandria.  
 Va.
- Miss. 1935 Calvert Street  
 Conn. 2821 Q Street  
 D. C. 5437 Connecticut Avenue  
 D. C. 624 Irving Street  
 Iowa Walter Reed Hospital  
 D. C. 1600 Rhode Island Avenue  
 D. C. U. S. Naval Medical School  
 P. R. 1918 H Street  
 D. C. 614 I Street S. E.  
 Texas 2934 Vista Street N. E.  
 D. C. 308 F Street  
 Md. 308 F Street  
 Kans. Y. M. C. A.  
 D. C. 59 Bryant Street  
 N. Y. 3127 N Street  
 Mo. Y. M. C. A.  
 D. C. 509 3d Street N. E.  
 D. C. 1700 T Street  
 D. C. 3123 Dunbarton Avenue  
 Maine 1906 G Street  
 Egypt 1127 11th Street  
 Pa. 2135 H Street  
 D. C. 416-A Warner Street  
 N. J. 1618 H Street  
 D. C. 209 6th Street N. E.  
 D. C. 512 3d Street  
 D. C. 317 W Street N. E.  
 D. C. 1217 Quincy Street N. E.  
 Md. 3623 New Hampshire Avenue  
 D. C. 2117 3d Street N. E.  
 D. C. 4622 15th Street  
 Maine Care Bureau of Railway Eco-  
 nomics  
 Ill. 500 Dahlia Street, Takoma  
 Park  
 Ind. 1321 Delafield Street  
 Texas 308 E Street N. E.  
 D. C. The Alabama  
 N. Y. 1349 6th Street  
 D. C. 1349 F Street N. E.  
 N. C. 3610 Macomb Street  
 N. J. 1321 Massachusetts Avenue  
 Vt. 1341 A Street N. E.  
 D. C. 3219 11th Street  
 D. C. 1825 Kalorama Road



Smith, Baxter (0)  
 \*Somers, Charles J. (124)  
 Sosa, Eduardo M. (15)  
 Stretch, James E. (44)  
 Strycovsky, Zol (0)  
 Suraci, Francis X. (38)  
 Suraci, Xaverius A. R. (43)  
 \*Suter, Thomas L. (9)

Tabor, Blanche (20)

Talavera, Damaso, Jr. (25)  
 Tarwater, Elmer L. (13)  
 Tetrault, Amedee (0)  
 \*Thurman, James. (0)

Villaneuva, Paterno A. (22)

\*Walker, Ferris (29)  
 Walker, V. La Verne (0)  
 \*Waters, John E. (0)  
 Weber, Lulu F. (0)  
 Weeks, Norman E. (24)  
 Wildman, Thomas A. (0)  
 Williams, Miss Willie M. (0)  
 Wilson, John N., Jr. (22)  
 Wilton, Ralph W. (32)

Va. East Falls Church, Va.  
 N. J. 1618 H Street  
 Panama Panama Legation  
 Conn. 1829 19th Street  
 Egypt 1723 5th Street  
 D. C. 1223 H Street N. E.  
 D. C. 1602 7th Street  
 D. C. 27 H Street

D. C. 310 Columbia Street, Cherrydale, Va.

P. R. 1633 Monroe Street  
 Mo. 1402 16th Street  
 Mass. 415 10th Street N. E.  
 Utah 1312 N Street

P. I. Providence Hospital

D. C. 2548 17th Street  
 Ill. 723 8th Street N. E.  
 Md. Berwyn, Md.  
 W. Va. 1225 L Street  
 D. C. 1026 Irving Street N. E.  
 D. C. 1232 Euclid Street  
 Va. 514 7th Street N. E.  
 Md. 2025 H Street  
 D. C. 1919 I Street

## SPECIAL STUDENTS

Aaron, Henry  
 Aaronson, Ruth  
 \*Adams, Linn A.  
 \*Aitchison, Riley L.  
 Alexander, Georgia L.  
 \*Alexander, Sarah E.  
 Alkene, Emily  
 \*Allen, Christie  
 Allen, Edith V.  
 \*Allrod, Edna B.  
 \*Anderson, Arthur D.  
 \*Anderson, Mary E.  
 †Andrews, Alice  
 \*Apashi, Chuichi  
 \*Armvine, Harriette R.  
 \*Austin, Sadie M.

N. J. 1102 5th Street N. W.  
 D. C. 1106 Fairmont Street  
 D. C. 1213 Decatur Street  
 Nebr. 4706 15th Street  
 Mo. 2023 O Street  
 Ga. Gunston Hall  
 D. C. G-H Bldg., Government Hotels  
 D. C. 1390 Massachusetts Avenue  
 Va. 1420 Harvard  
 Ohio 1903 15th Street  
 D. C. 319 F Street N. E.  
 Ky. 2708 Ontario Road  
 Ohio 707 22d Street  
 Japan Japanese Embassy  
 Pa. 1731 S Street  
 Md. 16 7th Street N. E.

Bacheller, Alice  
 \*Backus, Hadassah  
 Baer, Francis M.  
 Bailey, Joseph P.  
 Bailey, Vera  
 \*Baldwin, Estelle H.  
 \*Bales, Henri A.  
 \*Bales, Rosemary C.  
 \*Balster, Joseph A.  
 \*Barclay, Ruth  
 \*Barnes, Emma B.  
 \*Barnes, Edith  
 Barnes, Mrs. Florence H.  
 Bartholomaeus, Laura M.  
 \*Basford, Irene W.  
 Baush, Elizabeth  
 \*Beadle, Mary A.  
 Beagles, Miss Johnnie L.  
 Beatty, Sara  
 Becker, Edna M.  
 \*Becker, Rhoda Elizabeth  
 \*Beery, Mary  
 \*Behymer, Grayce S.  
 \*Bell, Florence C.  
 †Bender, Myrtle L.  
 †Benner, Robert W.

Mass. 808 19th Street  
 Va. U. S. Geological Survey  
 D. C. 1744 Corcoran Street  
 D. C. 814 5th Street N. E.  
 D. C. 216 8th Street S. W.  
 Va. 1225 Que Street  
 D. C. Room 320, District Bldg.  
 D. C. Library of Congress  
 D. C. 1503 28th Street N. W.  
 D. C. 2226 1st Street  
 Pa. V-W Bldg., Government Hotels  
 D. C. 143 11th Street N. E.  
 D. C. 1425 Chapin Street  
 D. C. 1812 Vernon Street  
 S. D. 2700 36th Street  
 Pa. T-U Bldg., Government Hotels  
 D. C. Fontanet Courts  
 Mo. 1330 L Street  
 D. C. 4027 Georgia Avenue  
 D. C. 1639 Hobart Street  
 D. C. 1639 Hobart Street  
 D. C. I-K Bldg., Government Hotels  
 Ohio The Ventosa  
 D. C. 1512 Crittenden Street  
 N. Y. 1104 M Street  
 Ind. 611 Massachusetts Avenue N. E.

Bennet, Nelly S.	D. C.	The Parkwood
*Bennett, Martha D.	D. C.	1512 Allison Street
*Benson, Mabel M.	Wis.	1335 Columbia Road
*Beppler, Elsie M.	N. Y.	T-U Bldg., Government Hotels
*Beran, Julia S.	D. C.	932 North Carolina Avenue S. E.
*Berens, Elizabeth C.	D. C.	635 Maryland Avenue S. W.
Bergner, Mrs. Sophie J.	D. C.	1432 F Street N. E.
Berkeley, Mary P.	Va.	2144 California Street
*Besse, Miss Marion	Ohio	1330 L Street
Bigelow, Dorothy L.	Maine	
*Biggins, Margaret M.	D. C.	3315 R Street
Bisselle, Hulbert	Md.	19 Grafton Street, Chevy Chase, Md.
*Blair, Louise F.	D. C.	13 R Street N. E.
*Blanchard, Mrs. Frances A.	D. C.	725 19th Street
*Blaurock, Veronica F.	N. Y.	V-W Bldg., Government Hotels
Blinn, Florence A.	D. C.	1223 Talbert Street S. E.
*Bode, Margaret T.	Ohio	131 A Street N. E.
*Bogorad, Nina	D. C.	19th and C Streets S. E.
Boineau, Leon I.	D. C.	751 Princeton Street
Boland, Fern E.	Ill.	2113 N Street N. W.
*Bolen, Margaret L.	D. C.	642 Lexington Place N. E.
Bollman, Ruby	D. C.	81 Westmoreland Avenue, Takoma Park, D. C.
*Bonuccelli, Mary	D. C.	211 D Street N. W.
*Borgstadt, Mrs. Ettie G.	D. C.	1226 11th Street
*Boswell, Patrice L.	Mass.	Willard Courts
*Bowman, Hazel Grace	Tenn.	100 V Street N. E.
*Bowman, Mrs. Maud M.	D. C.	3415 Brown Street
*Boykin, Basil P.	D. C.	1478 Harvard Street
Bradley, George A.	D. C.	158 F Street S. E.
Brady, Edna T.	R. I.	Albemarle Apartments
Brady, Lawrence W.	Iowa	1400 L Street
*Bramlette, Milton N.	D. C.	704 20th Street
*Brandenburg, Dorothy I.	D. C.	1824 Calvert Street
*Brayton, Jean H.	D. C.	1224 C Street N. E.
Briggs, William Paul	D. C.	237 9th Street N. E.
Brining, A. Meta	D. C.	763 Harvard Street
Bromell, John R.	Pa.	1700 L Street
*Brooks, Ada V.	N. C.	E-F Bldg., Government Hotels
Brown, Augusta Hanlon	D. C.	The Cumberland
*Brown, Barrett F.	Ohio	1 Dupont Circle
*Brown, C. Virginia	D. C.	1712 3d Street N. E.
Brown, Dewey L.	Ky.	405 8th Street N. E.
*Brown, Edgar G.	Ark.	312 Falkstone Courts
*Brown, Hallie	Ill.	G-H Bldg., Government Hotels
Brown, L. C.	D. C.	1727 Riggs Place
*Brown, Zelda	D. C.	1118 Columbia Road
*Browning, Elizabeth C.	Utah	King-Smith Studio School
*Browning, Jean	N. C.	1702 19th Street
Brubaker, Mrs. Bessie A.	Ind.	1150 N. Capitol Street
Bruce, Myrtle Belle	Mich.	3012 13th Street
Brundage, Dean K.	D. C.	2472 Ontario Road
Buchanan, Edmund L.	D. C.	5504 7th Street
*Buechele, Emma A.	Iowa	U. S. Patent Office
Buechler, Mary F.	D. C.	1919 H Street
Buckhardt, Esther H.	Wis.	1486 Newton Street
*Bunch, Mrs. Mary W.	W. Va.	943 Q Street
*Burch, Phillip H.	D. C.	460 H Street
*Burke, Alice	Nebr.	T-U Bldg., Government Hotels
†Burkhalter, Lawrence R.	D. C.	Bureau of Standards
*Burton, Betty	Ill.	3121 Mt. Pleasant Street
*Burus, Helen Marie	D. C.	1920 Biltmore Street
Butler, Mary J.	Ireland	1312 Connecticut Avenue
*Butterworth, Esther A.	Va.	East Falls Church, Va.
*Byerly, Herbert S.	D. C.	1950 Calvert Street
*Cain, Isabelle B.	D. C.	2715 14th Street
Caldwell, David R.	D. C.	3342 Mt. Pleasant Street
*Caldwell, Dorothy	D. C.	1532 16th Street
*Calvert, Naidene P.	D. C.	Willard Courts
Campbell, Jean T.	D. C.	301 8th Street N. E.



Cannon, Earl J.	Md.	Landover, Md.
Cantrell, Georgia E.	Colo.	129 Varnum Street
Carlson, Elsie	Nebr.	1363 Fairmont Street
Carlson, Vivian	N. Y.	1929 Calvert Street
*Carter, Elsie Grayson	Va.	3433 14th Street
†Carver, Margaret B.	Tenn.	206 13th Street N. E.
Cassidy, Frances M.	D. C.	Tudor Hall
Cato, Catherine E.	Ind.	1807 California Street
Cavin, Emma Anne	Ga.	1502 21st Street
Chagnon, Emma M.	N. Y.	312 Taylor Street
Chalk, Sallie J.	D. C.	1319 Shepherd Street
*Chapin, Ellen D.	D. C.	1412 Newton Street
Chenault, Roy L.	Ky.	1624 P Street
*Childress, Elizabeth R.	Va.	624 B Street N. E.
*Chinn, Hugh D.	Va.	906 B Street S. E.
*Clare, Vida	Colo.	3510 New Hampshire Avenue
Clark, Earl P.	D. C.	1432 R Street
Clark, Helen A.	D. C.	1818 Kalorama Road
Clark, Isabell	Md.	103 Underwood Street, Chevy Chase, Md.
*Clark, Mrs. Mary H.	D. C.	3512 Lowell Street
Clark, William Earl	D. C.	1029 Vermont Avenue
*Clay, Margaret	N. Y.	3102 Mt. Pleasant Street
Clement, Margaret A.	Ind.	2513 Cliffbourne Place
Clifford, Portia M.	Ind.	1804 Kilbourne Place
Cline, Bertha B.	Ill.	308 East Capitol Street
Cobb, Andra D.	Mo.	1515 R Street
*Cobb, John D.	D. C.	734 15th Street
*Cobb, Judson C.	D. C.	1539 I Street
*Coburn, Mary G.	N. Y.	701 Varnum Street
Cochran, George B.	D. C.	1215 19th Street
Coe, Mrs. Anna Hart	Va.	1401 Columbia Road
†Cogswell, Eunice M.	Pa.	1300 Fairmont Street
*Colburn, Dorothy V.	D. C.	627 7th Street N. E.
Colburn, Edna F.	D. C.	627 7th Street N. E.
*Coleman, May B.	D. C.	1722 Massachusetts Avenue
Collins, Lucile W.	D. C.	713 21st Street
†Collins, Mrs. Mary C.	D. C.	311 V Street N. E.
†Collins, P. J.	D. C.	311 V Street N. E.
Collins, Sue A.	Md.	1725 T Street
*Comeau, Martin F.	Mass.	1815 Kalorama Road
*Compton, Bertha L.	Va.	14 Everts Street N. E.
*Conner, Lulu E.	D. C.	2506 K Street
Connolly, Anna B.	N. Dak.	1219 Harvard Street
†Connor, Winifred A.	Pa.	1832 Biltmore Street
Cook, Fannye A.	Miss.	1417 K Street
*Cook, F. Morgan	D. C.	1362 Columbia Road
Cook, Lyda I.	Ill.	1602 16th Street
†Cook, Mary W.	Md.	1436 N Street
*Cooke, Sylvia S.	D. C.	A-B Bldg., Government Hotels
Cooksey, Blanche E.	D. C.	1311 Euclid Street
*Coover, Minerva C.	Pa.	5100 14th Street
Corbin, Maude L.	Iowa	Government Hotels
*Cornett, Elizabeth A.	Pa.	E-F Bldg., Government Hotels
Cornor, Ruby Helen	D. C.	23 Carroll Avenue, Takoma Park
Corry, Erma L.	Mich.	2137 Le Roy Place
Corwin, Harold L.	D. C.	766 Rock Creek Church Road
Cotton, Robert B.	D. C.	1214 Geological Survey
*Councilor, James A.	D. C.	428 Woodward Bldg.
Courtney, Francis X.	N. Y.	St. Elizabeth's Hospital
Covington, Anna	Md.	209, The Marne
*Coyle, George S.	D. C.	1326 Vermont Avenue
†Craven, Mary	D. C.	4709 Piney Branch Road
*Crenney, Winifred C.	Mass.	1833 California Street
*Criswell, Lt. Howard B.	D. C.	16th Infantry, Camp Dix, N. J.
Crocket, Lillian J.	Tenn.	Library of Congress
†Crosby, Pearl	N. J.	Colonial Hotel
Crutchley, Harry C.	Md.	Forestville, Md.
*Cullen, Sara L.	Va.	1105 O Street
Culp, Ruby L.	Okla.	1343 Park Road
†Culpepper, C. W.	Ala.	6614 Harlon Place
*Cummings, Harry G.	D. C.	1304 Kenyon Street

- \*Cummings, Hazel  
Cunningham, Edith G.  
\*Cunningham, George T.  
\*Curran, Isabelle  
\*Curtiss, Lennah M.  
Cutright, Grace B.
- Dabney, Helen M.  
Dabney, Katharine M.  
†Dague, Charles I.  
\*Dally, Josephine  
†Danforth, George C.  
†Danforth, Percy Owen  
\*Daniel, Julia I.  
\*Daniels, Harriett W.  
Darley, Mary L.
- \*Darling, Dorothy  
†Darnall, Jane  
Dashiell, Ellen M.  
Daugherty, Frances  
\*Davidson, Anita  
\*Davis, Olga F.  
Davis, Wilbur L.  
Davison, Frances M.  
Dawes, Isabel  
\*Day, Samuel H.  
†Day, Wilfred P.  
Dealey, William L.  
\*Dean, Mary O.  
De Forest, Mabel I.  
Deibler, David H.
- \*De Lambeth, Agnes S.  
†Denson, Miss Willie O.  
\*Dent, Louvenia J.  
†De Potter, Victor A.  
\*Dissinger, Mary E.  
\*Dobbin, Martha  
Dodd, Mary R.  
Dodds, Lura M.  
\*Doherty, Albert W.  
\*Donaldson, Frieda S.  
Dondero, Albert H.  
\*Donetti, Mary M.  
Donohue, Constance G.  
\*Dornin, Francis E.  
\*Dougherty, Edella M.  
\*Douthitt, Laidley E.  
\*Dowell, Emily N.  
†Downes, Thomas E.  
†Drake, Albert F.  
A. B., Missouri University  
Driscoll, Stephen J.  
Durfee, Nancy A.  
Duvall, William A.  
Dworin, Eva M.  
Dyer, Charles F.  
Pharm.
- Earl, Edward C.  
\*Echols, Robert B.  
†Eddingsfield, Mrs. Ora H.  
Eddins, Robert E.  
Edwards, Edith V.  
\*Ehrhart, Mina  
Ehringer, Lula A.  
Elbert, Bernice E.  
\*Elliott, Rebecca M.  
Ellis, Virginia M. C.  
Enlows, Mrs. Ella M.  
A. B., George Washington University
- La. 1812 N Street  
D. C. The Albemarle  
D. C. The Albemarle  
D. C. 4531 Wisconsin Avenue  
D. C. 2138 California Street  
Ohio 1720 21st Street
- Ohio Trinity Community House  
D. C. E-F Bldg., Government Hotels  
Kana. 3023 Q Street  
D. C. 1308 Fairmont Street  
D. C. 806 G Street N. E.  
D. C. 806 G Street N. E.  
D. C. 512 Randolph Street  
Va. The Burlington  
Va. 118 S. Royal Street, Alexandria, Va.
- D. C. 3600 10th Street  
Ky. 1316 30th Street  
D. C. 1344 Harvard Street  
Miss. 223 11th Street S. E.  
Colo. X-Y Bldg., Government Hotels  
N. Y. 2142 O Street  
D. C. 625 Maryland Avenue N. E.  
D. C. 1432 Meridian Street  
Md. V-W Bldg., Government Hotels  
D. C. 1838 Lamont Street  
D. C. 1241 Euclid Street  
D. C. 1341 Taylor Street  
D. C. 2404 Wisconsin Avenue  
N. Y. 1418 Irving Street  
Md. 6 Woodbine Street, Chevy Chase, Md.
- D. C. 1532 16th Street  
Tenn. V-W Bldg., Government Hotels  
N. C. 1641 R Street  
N. Y. 1830 H Street  
Pa. 1709 S Street  
Iowa 1736 Church Street  
D. C. 314 East Capitol Street  
Iowa X-Y Bldg., Government Hotels  
N. Y. 1965 Biltmore Street  
Pa. 218 7th Street S. W.  
Mich. 310 Machinist Bldg.  
Vt. 103 Clifton Terrace, W.  
D. C. 1441 R Street  
D. C. National Savings and Trust Co.  
Mo. 1412 Massachusetts Avenue  
Ky. 1815 F Street  
D. C. 3026 Newark Street  
D. C. 1822 Ingleside Terrace  
Va. State, War and Navy Bldg.
- Mass. 1226 Massachusetts Avenue  
Mass. T-U Bldg., Government Hotels  
D. C. 3302 14th Street  
D. C. 1510 Oak Street  
D. C. 116 V Street
- D. C. 22 3d Street N. E.  
Md. Rockville, Md.  
Pa. 1440 Harvard Street  
Ala. 1436 Girard  
Ohio X-Y Bldg., Government Hotels  
Va. 1531 I Street  
Ind. Weather Bureau  
D. C. 1921 Biltmore Street  
Ind. 1523 22d Street  
D. C. 2700 Connecticut Avenue  
W. Va. 1828 Lamont Street



- \*Ennes, Gertrude  
 Eppley, Elaine  
 Ernest, Ethel F.  
 Escher, Julia M.  
 \*Eshelman, Ruth M.  
 \*Eary, Velma J.  
 \*Evans, Dove  
 \*Evans, Marguerite Ann  
 Farnam, E. Jean  
 \*Farrar, Anna H.  
 Farrell, Agnes M.  
 \*Fatt, Mrs. Ruth  
 †Faust, Helen Louise  
 †Fawcett, Lawrence G.  
 \*Fazsoni, John Paul  
 Feller, Ralph W.  
 Fenton, Paul L.  
 †Fenwick, Charles R.  
 \*Fillius, Bessie B.  
 Findlay, Lillian A.  
 Finley, Nancy W.  
 \*Finn, Hazel M.  
 \*Finnerty, Anna M.  
 Flagg, Verna Mary  
 Fleming, Edith H.  
 \*Fleming, Ruby R.  
 †Fletcher, John R.  
 \*Flood, Richard J., Jr.  
 \*Flower, Albert R.  
 \*Fogarty, Josephine U.  
 \*Folta, Mary T.  
 \*Frank, William  
 \*Franks, Weldon H.  
 Frasier, Elizabeth S.  
 Fred, Mrs. Ruby  
 Freeman, Dorothy  
 Froor, Albert P.  
 French, Anna G.  
 \*French, Jacqueline T.  
 Fritz, Florence Ruth  
 \*Fuller, Ellen C.  
 \*Fulton, Constance  
 Fulton, Irving  
 Furbershaw, James F.  
 Gagne, Joseph  
 \*Gahn, Bessie W.  
 \*Garber, Sara E.  
 Gard, Robert G.  
 Garner, Elizabeth C.  
 Gates, Eva Neville  
 Gates, Mrs. Isabel L.  
 Gates, Phoebe C.  
 \*Gaul, Bertha D.  
 Gault, Mrs. Ruby  
 Gellman, Harry  
 Pharm.  
 Gervais, Florence H.  
 Gervais, Helen E.  
 Ghani, Fund A.  
 Pharm.  
 \*Gibb, Helen S.  
 Gibney, Edythe M.  
 †Gillim, Alice R. D.  
 Gilmore, Bernard H.  
 Glass, Jewell J.  
 Glover, Odessa V.  
 Goddard, Jennie C.  
 †Godfrey, Victor E.  
 Goldman, Anna  
 N. C. 1104 M Street  
 D. C. 1353 East Capitol Street  
 Colo. King-Smith Studio School  
 Ariz. 508 1st Street  
 D. C. 20 Montgomery Avenue, Ta-  
 koma Park  
 Ill. 1645 K Street  
 D. C. P-Q Bldg., Government Hotels  
 D. C. 1234 Florida Avenue  
 Mich. 1812 K Street  
 D. C. 1452 Euclid Street  
 D. C. 1436 Clifton Street  
 Ohio 912 5th Street  
 D. C. 16 T Street N. E.  
 Va. 517 Prince Street, Alexandria,  
 Va.  
 D. C. 2002 G Street  
 D. C. 1335 Q Street  
 D. C. 1773 Church Street  
 Va. East Falls Church, Va.  
 D. C. 431 5th Street S. E.  
 Vt. N-O Bldg., Government Hotels  
 Mo. 1452 Euclid Street  
 Iowa 606 I Street  
 Wis. 1213 Clifton Street  
 Ill. 100 B Street N. E.  
 Md. 1884 Columbia Road  
 D. C. 801 Hibbs Bldg.  
 D. C. 605 F Street  
 D. C. 1225 Newton Street N. E.  
 N. C. 110 E. Capitol Street  
 D. C. 830 13th Street  
 Mo. 1237 Quincy Street N. E.  
 N. Y. 1900 Q Street  
 D. C. 2520 14th Street  
 Va. 5 Iowa Circle  
 D. C. 1733 Columbia Road  
 Ill. 1701 K Street  
 D. C. 1656 Euclid Street  
 Va. Rosslyn, Va.  
 D. C. 2339 18th Street  
 D. C. I-K Bldg., Government Hotels  
 Va. 1361 Fairmont Street  
 Pa. 1414 16th Street  
 Ky. 1445 Girard Street  
 D. C. 80 R Street  
 Mass. 808 I Street  
 D. C. West Clifton Terrace  
 D. C. 331 5th Street S. E.  
 D. C. Fort Myer, Va.  
 D. C. 9 K Street  
 D. C. 1526 17th Street  
 D. C. 2735 Ontario Road  
 D. C. 3145 17th Street  
 Pa. 1406 Chapin Street  
 Ind. 314 A Street N. E.  
 D. C. 472 E Street S. W.  
 D. C. 715 Monroe Street N. E.  
 D. C. 715 Monroe Street N. E.  
 Egypt 1738 F Street  
 D. C. 2104 1st Street  
 D. C. 225 H Street  
 D. C. 1738 N Street  
 W. Va. 616 2d Street  
 Miss. C-D Bldg., Government Hotels  
 D. C. 17 K Street N. E.  
 S. C. 1332 Biltmore Street  
 Mich. 133 Pennsylvania Avenue  
 D. C. 1103 5th Street

- Goldstein, Hyman M.  
Gordon, D. Durant  
Goanell, Ruby Lois  
†Graham, Walter S.
- \*Grammer, Elizabeth  
Greble, Gertrude P.  
\*Greenberg, Anne L.  
Greenlees, Lenora A.  
\*Greenstreet, Allen A.  
\*Griffin, Eleanor M.  
\*Griffith, Mary John  
†Grogan, Samuel S.  
\*Gross, John E.  
†Gross, Mary E.  
†Grunsky, Herman W.  
Guernsey, Lillian A.
- \*Hadlick, Paul E.  
Hall, Grace J.  
\*Hall, Minnie G.  
\*Hall, Ruth B.  
\*Hamelin, Grace C.  
\*Hampton, Mrs. Wade  
Hanagan, Catherine L.  
\*Handy, Jean Y.  
\*Hane, Grace E.  
Hane, Margaret  
\*Hansch, Elizabeth E.  
\*Hansen, Mrs. Emma W.  
Hansen, Leopoldine  
Harcourt, Gertrude T.  
Harmel, Ida  
†Harris, A. I.  
Harris, Malcolm P.  
Harris, Pauline E.  
Harrison, Mabel  
Hart, Elizabeth  
\*Hatton, Eyrle M.  
\*Hatton, Mary Verna  
Hayden, Louise  
\*Hayes, William B.  
\*Headley, Mary  
Healy, Roberta F.  
Heberd, Nell  
†Hechmer, Mildred M.  
Heckman, Mrs. Emma C.  
\*Hedden, Eva M.  
\*Heil, Elizabeth  
Heinemann, George William
- \*Heintzelman, Dorothy  
\*Heitmuller, Marian R.  
\*Heitmuller, Ralph E.  
Heller, William L.  
\*Hendricks, Marjory E.  
\*Herfurth, Elsie C.  
Herring, Annie F.  
\*Herrington, Margaret C.  
Herschman, Rose A.  
Heyman, Ella Helen  
Hill, Ira B.  
\*Hitchcock, Louise S.  
Hoffman, David  
\*Hoffman, Margaret  
\*Hogan, Florence G.  
Holbrook, Mrs. Anna S.
- \*Holcombe, Eugenia  
\*Holland, Elizabeth  
Holzer, Blanche  
Homsher, Mabelle M.
- D. C. 901 1st Street S. W.  
D. C. 1829 G Street  
S. C. 1720 H Street  
Md. 19 Wine Avenue, Hyattsville,  
Md.  
Va. 1201 Q Street  
D. C. 1822 Jefferson Place  
Pa. 3550 10th Street  
D. C. 3127 Dumbarton Avenue  
D. C. 1236 Hamlin Street N. E.  
N. Y. 1801 I Street  
N. C. 1527 I Street  
D. C. The Sherman  
D. C. 1312 Florida Avenue N. E.  
Ind. 1733 Columbia Road  
Pa. 908 M Street  
Va. 106 Arlington Avenue, North  
Clarendon, Va.
- Minn. The Brunswick  
D. C. The Wyoming  
Va. 1758 F Street  
N. C. 1361 Irving Street  
Mass. 1495 Newton Street  
D. C. 1750 S Street  
Pa. 1440 W Street  
D. C. 1401 Columbia Road  
D. C. 2034 O Street  
Md. Bethesda, Md.  
D. C. 432 Lamont Street  
D. C. 913 22d Street  
Mich. 2400 16th Street  
D. C. 1124 11th Street  
D. C. 466 H Street S. W.  
D. C. 228 13th Street S. W.  
D. C. 1819 G Street  
W. Va. 2306 1st Street  
Mass. N-O Bldg., Government Hotels  
Wis. G-H Bldg., Government Hotels  
D. C. 710 Rock Creek Church Road  
D. C. 710 Rock Creek Church Road  
D. C. The Mendota  
Tenn. 1600 Rhode Island Avenue  
D. C. 217 9th Street S. W.  
Md. 9 Iowa Circle  
D. C. 1834 Columbia Road  
W. Va. Holy Cross Academy  
Pa. 1150 N. Capitol Street  
D. C. L-M Bldg., Government Hotels  
N. Y. Government Hotels  
D. C. 919 North Carolina Avenue  
S. E.  
D. C. Highland Apartments  
D. C. 1307 14th Street  
D. C. 1307 14th Street  
Va. 407 2d Street  
D. C. 1516 Webster Street  
Va. Alexandria, Va.  
N. C. L-M Bldg., Government Hotels  
D. C. 25 Quincy Place N. E.  
D. C. 2101 N Street  
N. Y. G-H Bldg., Government Hotels  
N. C. 1252 Maryland Avenue N. E.  
D. C. 1340 Fairmont Street  
Ill. Y. M. C. A.  
Pa. 1731 S Street  
D. C. 3003 O Street  
D. C. 3207 Morrison Street, Chevy  
Chase  
D. C. 2127 Bancroft Place  
Ga. 1758 Corecoran Street  
Swit'land Swiss Legation  
Ind. A-B Bldg., Government Hotels



*Homstad, Mildred	Wis.	1335 Columbia Road
Hoover, Mrs. Charles K.	D. C.	630 South Carolina Avenue S. E.
Hosbaugh, Clara	D. C.	1711 Connecticut Avenue
Hough, Francis Z.	D. C.	1423 Monroe Street
*Howarth, Annette	D. C.	3514 10th Street
Hromatko, Jane S.	Iowa	1606 19th Street
M. S. George Washington University		
*Huber, Mathilda M.	N. Y.	1722 Massachusetts Avenue
Hudson, Lillian	Va.	174 North Carolina Avenue S. E.
*Hull, R. T.	D. C.	1516 Columbia Road
*Humphrey, Ruch C.	Mo.	808 Massachusetts Avenue N. E.
Hunt, James C.	Okla.	1758 N Street
Hunt, Nicholas R.	Va.	8 N. Maple Street, Clarendon, Va.
*Hynes, William J.	Mass.	707 1st Street
†Ireland, Mrs. Louise S.	D. C.	Wardman Park Hotel, Apartment 609-E
Isherwood, Walter B.	Md.	Washington Grove, Md.
*James, Marie K.	Mass.	Waburn, Mass.
James, Mrs. Miriam L.	D. C.	Wardman Park Hotel
*James, Mrs. Rose R.	D. C.	2700 Connecticut Avenue
†Jaques, Laura	D. C.	17 U Street
Jarman, Harriet R.	N. Y.	N-O Bldg., Government Hotels
Jelleff, Mrs. Eleanor P.	D. C.	3505 Macomb Street
Jermyn, Marion S.	D. C.	908 11th Street
Jewett, Elizabeth A.	N. Y.	214 B Street S. E.
Johns, Florence R.	Ind.	621 Lexington Place N. E.
Johnson, Mrs. Cathrine K.	D. C.	2108 6th Street
Johnson, Florence E.	D. C.	416 Shepherd Street
Johnson, Grace M.	D. C.	413 Clifton Terrace, S.
Johnson, Howard M.	Mo.	Chain Bridge Road, D. C.
†Johnson, Jasper L.	Va.	2920 Sherman Avenue
Johnson, Mannie	Texas	T-U Bldg., Government Hotels
*Johnson, Marion J. J.	N. Y.	1801 I Street
Johnson, M. Asenath	D. C.	1359 Fairmont Street
*Johnson, Mary E. L.	Ind.	1430 V Street
†Johnson, Mary Louise	D. C.	1023 16th Street
*Johnson, Mildred V.	D. C.	1657 Lamont Street
Johnston, Jean	Md.	Glen Echo, Md.
Jones, Mrs. Evelyn E.	Va.	45 Cruik Lane, Cherrydale, Va.
*Jones, Howard T.	D. C.	1900 S Street
*Jones, Sarah L.	Miss.	1417 K Street
*Jones, Victoria	Va.	1411 King Street, Alexandria, Va.
*Jones, William D.	Ohio	1733 N Street
Judson, Elbert B.	D. C.	4206 River Road
Kaminsky, Helen S.	D. C.	306 G Street N. E.
Kaminsky, Rebecca	D. C.	306 G Street N. E.
Kaplan, Esther L.	D. C.	1461 Monroe Street
Katterman, Mrs. Catherine F.	D. C.	2611 Adams Mill Road
*Kauffman, William P., Jr.	D. C.	1349 R Street
*Keenan, Imogene	D. C.	1711 Connecticut Avenue
Keil, Lewis E.	D. C.	117 O Street
*Kelleher, Mary J.	Pa.	1338 31st Street
*Kelly, Alice E.	N. Y.	17 Dupont Circle
Kelly, Allie Magdalena	D. C.	1414 16th Street
*Kelly, Anna L.	D. C.	911 Massachusetts Avenue
*Kelly, Edward	Ark.	1819 G Street
*Kelly, Helen L.	Mich.	1627 16th Street
*Kendig, James E.	D. C.	2751 Macomb Street
*Kennedy, Thelma	Pa.	901 Alabama Avenue S. E.
Kerlin, Malcolm	D. C.	1516 Columbia Road
Kershenbaum, Rae	D. C.	805 F Street S. W.
Kersten, Maude M. E.	D. C.	2124 F Street
Kosted, Mildred	Ill.	453 Park Road
*Keyes, Mary G.	N. Y.	1422 Q Street
*Kiess, Marion	D. C.	2508 Cliffbourne Place
Kilcawley, Edward J.	Ind.	1431 Clifton Street
	D. C.	

Kinner, Harold C.	Md.	3914 34th Street N. E.
†Kirkpatrick, Pinkie	Miss.	914 Massachusetts Avenue
Kirwan, Philip T., Jr.	Calif.	Bureau of Standards
*Knapp, Ferne L.	Mich.	2133 California Street
Knemeyer, Erma M.	Iowa	R-S Bldg., Government Hotels
A. B., George Washington University		
Kohrer, Norma M.	D. C.	1819 G Street
†Koontz, Louise	D. C.	607 E Street
Koughan, Frank M.	Va.	East Falls Church, Va.
Kougher, Mildred	Pa.	1219 Howard Street
*Kroll, Agnes B.	Mass.	1414 16th Street
†Krupp, William G.	D. C.	27 Adams Street
Kuebler, Irene G.	D. C.	1409 Meridian Street
Kyler, Bessie B.	Ill.	150 R Street N. E.
*Lake, Minerva V.	D. C.	1737 17th Street
Lamson, Elizabeth H.	D. C.	1715 Kilbourne Place
*Landers, Mary J.	Ill.	1750 S Street
*Landsrath, Edna	D. C.	926 L Street
Lankenaw, Sarah C.	Mo.	518 Quincy Street
Lanman, Mary M.	D. C.	3440 Brown Street
Lapham, J. O.	D. C.	3125 Newark Street
*Larkin, Catherine H.	D. C.	1721 Corcoran Street
*La Rue, Sadie M.	Pa.	126½ R Street N. E.
*Lasier, Harriet C.	D. C.	1445 Girard Street
Latimer, Margaret E.	Md.	U. S. Geological Survey
Latson, Alice L.	Mich.	13th and W Streets
Leach, Ardelle A.	Vt.	T-U Bldg., Government Hotels
Leahy, Mrs. Emelia A.	Ill.	T-U Bldg., Government Hotels
Leecraw, Raymond H.	D. C.	4035 New Hampshire Avenue
Leddy, Andrew F.	N. Y.	1645 K Street
*Lee, Florence A.	N. H.	516 A Street N. E.
Leeb, Lawrence R.	N. Dak.	121 Willow Avenue, Takoma Park, D. C.
Leer, Wayne E.	Ind.	College Park, Md.
B. S., Purdue University		
Leggett, Florence M.	Md.	105 Raymond Street, Chevy Chase, Md.
*Lehman, Lloyd W.	Ill.	1715 Massachusetts Avenue
Leineweber, Irene D.	D. C.	1503 30th Street
†Lelansky, Eva	Maine	21 Girard Street N. E.
LeMenager, Marcelle	D. C.	1819 Kenyon Street
Leonard, Lewis T.	D. C.	520 G Street N. E.
Lesser, Isador	D. C.	925 N Street
*Levington, Bessie	Mass.	1212 Euclid Street
Lewis, Blanche E.	Ga.	1823 I Street
Lewis, Edna	N. Y.	333 Pennsylvania Avenue
Lewter, John C.	D. C.	937 15th Street S. E.
*Licarione, Bernard	Va.	1121 Pennsylvania Avenue S. E.
†Linch, Mark N.	D. C.	136 E. Capitol Street
Lindley, Laura	D. C.	30 Bliss Bldg.
*Linsenmeyer, Edgar M.	Mich.	1225 E Street N. E.
Liske, Claire C.	D. C.	1740 F Street
Little, Jonathan F., Jr.	D. C.	131 A Street N. E.
†Little, Ruth E.	D. C.	3000 Dent Place
Lockwood, Elizabeth P.	D. C.	115 12th Street S. E.
*Logue, Emily	D. C.	105 I Street
Lohman, Blanche	D. C.	429 4th Street N. E.
*Loman, William M.	D. C.	Sherman Avenue, Takoma Park, D. C.
Long, Edith A.	Colo.	1104 M Street
Long, Helen M.	Tenn.	1234 Crittenden Street
†Long, William S.	D. C.	1219 Kenyon Street
Louden, Mary H.	Va.	Alexandria, Va.
*Louden, Orren R.	D. C.	1507 Park Road
*Lovell, Ellen	Tenn.	1824 H Street
*Loving, George Warren	D. C.	1367 Irving Street
*Lowe, Edna M.	D. C.	1020 Florida Avenue N. E.
*Luber, Henrietta	D. C.	232 N Street
*Luke, Edith A.	D. C.	306 Maryland Avenue N. E.
Lukel, Edith A.	D. C.	1240 Lawrence Street N. E.
Lumpkin, Miss Glenn B.	Va.	2627 Adams Mill Road



- \*Lusby, Claire L.  
 \*Lynn, Wallace P.  
 \*Lystad, H. W.
- McAuliffe, Doris  
 McCarthy, Leonard D.  
 \*McClelland, Vesta G.  
 McCloskey, Helen J.  
 \*McColligan, Mary Alice  
 McCormick, John D.  
 B. S. in C. E., George Wash-  
 ington University  
 \*McElfresh, Ruth A.  
 \*McGarraghy, Joseph C.
- †McGuire, Leo  
 McHaney, Meda A.  
 McIntyre, Bessie R.  
 \*McKay, Susie E.  
 \*McKeever, Galen  
 \*McKeever, Ruth I.  
 McKenna, Thomas J.  
 \*McKerron, Mary  
 McKinley, Marguerite  
 \*McKinney, Bernice J.  
 McKnight, Nannie J.  
 McLaughlin, Fred
- †McMichael, Nellie  
 McNeil, Frieda  
 McNulty, Anna T.  
 \*McRae, Janet  
 \*McReynolds, Nellie B.  
 \*Macias, Joseph A.  
 \*Madeira, Elizabeth B.  
 \*Magee, Mary E.  
 \*Magruder, Thelma F.  
 \*Mahood, F. Mildred  
 Majeska, Blanche J.  
 Major, Ruth F.  
 Manchester, Edna S.  
 \*Mangan, Marie C.  
 Manross, Lottie May  
 A. B., Vassar College; A. M.,  
 Columbia University  
 Marley, Jeannette E.
- Marlowe, Alice
- \*Maroney, Nora C.  
 Marshall, Florence E.  
 \*Marshall, Rush P.  
 Marshino, Ora  
 \*Martin, Agnes  
 \*Martin, Miss Dana C.  
 †Martin, Esther L.  
 Martin, G. Hamilton, Jr.  
 M. S., Washington State Col-  
 lege  
 \*Martinez, A. Rodolfo  
 Martus, Bertha E.  
 Mason, Bess M.  
 \*Mason, Ivy E.  
 \*Massino, Josephine M.  
 \*Mawson, Helen  
 May, Lottie  
 Mayes, Blanche G.  
 \*Mayfield, Jessie  
 Meacham, Genevieve  
 †Meara, Floe L.  
 Mechelke, Lynne  
 \*Meek, May  
 Meeker, Bertha
- D. C. 1406 M Street  
 D. C. 23 T Street N. E.  
 Wis. The Manchester
- Wis. 1437 Rhode Island Ave.  
 D. C. 219 T Street N. E.  
 Ill. The Maury  
 Maine 1440 R Street  
 Mass. 1903 15th Street  
 D. C. 1377 North Carolina Avenue  
 N. E.
- D. C. 1203 Girard Street  
 D. C. 139 North Carolina Avenue  
 S. E.
- D. C. 554 Columbia Road  
 D. C. 714 20th Street  
 Wis. 1312 L Street  
 Miss. 714 18th Street  
 Md. Kensington, Md.  
 D. C. 1120 6th Street N. E.  
 N. Y. 3127 N Street  
 Ohio 1926 17th Street  
 Ill. 1801 I Street  
 D. C. National Savings and Trust Co.  
 D. C. 3037 Dumbarton Avenue  
 Texas 22 Carroll Avenue, Takoma  
 Park, D. C.
- Ohio G-H Bldg., Government Hotels  
 Miss. 1702 Kilbourne Place  
 Pa. 1920 S Street  
 Md. Riverdale, Md., Box 307  
 Iowa 3505 14th Street  
 D. C. 1517 Rhode Island Avenue  
 Ohio 2109 18th Street  
 D. C. The Maury  
 D. C. 52 Quincy Place  
 Pa. 1812 N Street  
 D. C. The Plaza, Washington Circle  
 D. C. 1731 U Street  
 D. C. 1931 16th Street  
 Iowa Burlington Hotel  
 Conn. 2339 Ashmead Place
- Md. 120 Chestnut Avenue, Takoma  
 Park, D. C.  
 D. C. 1341 South Carolina Avenue  
 S. E.
- Ohio N-O Bldg., Government Hotels  
 D. C. 1646 Argonne Terrace  
 D. C. 1502 Decatur Street  
 D. C. Children's Bureau  
 Mo. 731 Taylor Street  
 Va. The Marnie  
 D. C. 229 9th Street N. E.  
 D. C. 1820 Corcoran Street
- Mexico 1805 G Street  
 N. Y. X-Y Bldg., Government Hotels  
 Ky. 3812 7th Street  
 Pa. A-B Bldg., Government Hotels  
 D. C. 220 Arthur Place  
 Ind. Cavanaugh Courts  
 Ohio 1424 R Street  
 Ark. 3017 16th Street N. E.  
 D. C. 1433 Clifton Street  
 Miss. Wardman Park Hotel  
 Ohio 1003 New Hampshire Avenue  
 Wis. 1349 Columbia Road  
 Canada 1814 G Street  
 Ark. 1104 M Street

- \*Meighan, John M.  
 \*Mendelsohn, Eva  
 †Mengert, William F.  
 \*Menzel, Margaret L. T.  
 \*Merchant, Martha S.  
 \*Mero, Sara T.  
 Merrill, Mrs. May D.  
 \*Merritt, Louise H.  
 \*Merts, Thelma I.  
 \*Meush, Frances  
 †Micotte, Nellie A.  
 †Miller, Eliza A.  
 \*Miller, Gertrude E. P.  
 Miller, Helen  
 †Miller, Mamie M.  
 \*Miller, Virginia  
 Mills, Ethel D.  
 \*Mills, Margaret M.  
 Milovich, Elizabeth V.  
 \*Minot, Mrs. Constance G.  
 \*Mitchell, Elizabeth  
 Mix, Anna E.  
 Mon, Ora M.  
 Montgomery, Martha A.  
 \*Moore, Claude L.  
 \*Moore, Lillian A.  
 Moore, Louise  
 Morgan, Edna E.  
 †Moser, Rose  
 \*Mosher, Vivian R.  
 Motter, Bertha E.  
 Moyer, Robert A.  
 \*Mueller, Marie B.  
 \*Muncaster, Edna S.  
 Murphy, M. Regina  
 \*Murphy, Theresa E.  
 Murray, Mae A.  
 Nash, Helen V.  
 Naylor, Mary B.  
 \*Naylor, Theodore H.  
 \*Nebeker, Lyman M.  
 \*Neumann, Anna M.  
 Neville, Robert P.  
 Newby, Anna L.  
 \*Newcomb, Mrs. Iva C.  
 Newman, Dorothy A.  
 \*Newman, Lorraine G.  
 Newsom, Edith V.  
 \*Newsom, Mattie S.  
 \*Nichols, Fenton L.  
 Nicholson, George D. G.  
 \*Nicholson, Ruth E.  
 Niemeyer, Ernestine H.  
 Nigh, Elizabeth  
 Nixon, Isabelle  
 \*Norment, Maude  
 \*Notter, Lucy E.  
 Nyman, Mrs. Hazel L.  
 \*O'Brien, Floyd D.  
 \*O'Brien, Genevieve  
 †O'Brien, Thomas M.  
 O'Connor, Esther  
 O'Connor, Helena A.  
 O'Connor, Lillie  
 O'Donnell, Frank G.  
 \*Ogle, Estelle M.  
 \*Okey, Ella May  
 \*O'Leson, Mary  
 \*O'Meara, Herbert W.  
 Pa. 15 Franklin St. N. E.  
 D. C. 1527 14th Street  
 D. C. Gallaudet College, Kendall  
 Green  
 D. C. 2951 Tilden Street  
 D. C. 3649 New Hampshire Avenue  
 D. C. The Chastleton  
 D. C. 1319 19th Street  
 D. C. 1822 19th Street  
 Conn. 1800 I Street  
 Pa. 1901 New Hampshire Avenue  
 D. C. 1614 17th Street  
 Md. 1719 Oregon Avenue  
 Pa. 1374 E. Capitol Street  
 Ind. 1500 Emerson Street  
 D. C. 2507 Hall Place  
 D. C. The Ethelhurst  
 Ohio 116 Maryland Avenue N. E.  
 D. C. 305 1st Street S. E.  
 D. C. 802 I Street  
 Mass. 1707 H Street  
 N. C.  
 Md. 113 Maryland Avenue N. E.  
 Ill. 1104 M Street  
 Ohio 1822 Ontario Place  
 D. C. 1735 F Street  
 D. C. 1309 Connecticut Avenue  
 D. C. 1255 I Street N. E.  
 D. C. 1750 S Street  
 D. C. 1819 G Street  
 D. C. 1935 Park Road  
 Pa. 1714 14th Street  
 D. C. 84 Rhode Island Avenue  
 D. C. 1303 15th Street  
 D. C. 1931 16th Street  
 D. C. 2802 Wisconsin Avenue  
 D. C. 101 North Carolina Avenue S. E.  
 D. C. 535 2d Street S. E.  
 D. C. 122 M Street  
 D. C. 629 12th Street N. E.  
 Kans. 3204 Park Place  
 D. C. 3432 Ashley Terrace  
 Mich. 1330 L Street  
 D. C. 1603 Connecticut Avenue  
 Ill. 639 B Street N. E.  
 D. C. 1351 Park Road  
 D. C. 3617 New Hampshire Avenue  
 Mass. 3617 New Hampshire Avenue  
 D. C. The Hudson  
 N. C. 2031 F Street  
 Va. U. S. N. Hospital  
 D. C. 102 Florence Court  
 D. C. 1305 H Street  
 D. C. 1708 Lawrence Street N. E.  
 D. C. 1747 1st Street  
 D. C. 1338 New York Avenue  
 Texas The Kenesaw  
 D. C. 2007 Girard Street N. E.  
 D. C. 1636 16th Street  
 Kans. 1626 F Street  
 D. C. 132 R Street N. E.  
 D. C. 51 Girard Street N. E.  
 D. C. 126 R Street N. E.  
 D. C. 57 New York Avenue  
 D. C. 1646 Monroe Street  
 Va. 8 Maple Street, Clarendon, Va.  
 Ohio I-K Bldg., Government Hotel  
 Ill. 124 3d Street N. E.  
 S. Dak. The Hadleigh  
 Va. 317 S. Washington Street, Alexandria, Va.



- \*O'Neill, Agnes M.  
 \*O'Neill, Alice E.  
 \*Osborn, Harry E.  
 Oshinsky, Charles  
 Otterback, Sarah G.  
 Ottman, Mrs. Charlotte S.  
 \*Owens, William H.
- †Page, John  
 \*Paige, Mrs. Carrie E.  
 \*Palmer, Clare W.  
 \*Palmer, Mrs. Minnetto D.  
 Parker, Blanche K.  
 †Parker, Clair F.  
 \*Parker, Clarence W.  
 \*Parks, Floyd L.  
 B. S., Clemson College, S. C.
- Parrett, Mary I.  
 Patch, Helen L.  
 \*Patrick, Maude W.  
 †Patterson, Donald G.  
 Pearce, Mary W. G.  
 Peirce, Lottie M.  
 Pellow, Marion J.  
 Pennington, Vera E.  
 †Pepper, Thomas D.  
 \*Permar, Kathryn M.  
 \*Peterson, Cornelius John  
 \*Pettit, Maude M.  
 Petty, Marguerite  
 \*Phillips, C. Louise  
 \*Phillips, Jessie L.  
 Phillips, Rowena  
 †Phillips, Mary D.  
 \*Pilson, Olga L.  
 Pine, Helen G.  
 \*Plumb, Marion H.  
 Porter, Etta C.  
 †Porterfield, Ruth  
 Postley, Olive C.  
 Prendergast, Alice J.  
 †Price, Grace  
 \*Price, L. Lucille  
 Price, Mary E.  
 Priest, Blanche H.  
 Priestley, Anna M.  
 Purvis, Eleanor M.
- Quevli, Christen Foss, Jr.  
 \*Quick, Christine
- \*Raeder, Lennie L.  
 \*Ragan, Estelle J.  
 Ramsay, Lena  
 Randolph, Clara F.  
 \*Rapp, Paul  
 Ratcliffe, Vergil A.  
 Rathbun, Annie E.  
 \*Rauber, Frances G.  
 \*Rauber, Mary C.  
 Rawlings, Joseph B.  
 Raymond, Virginia L.  
 Ream, Cecile A.  
 Redmond, Ruth P.  
 Reid, Arthur  
 Rees, Esther G.  
 Reh, Emma  
 A. B., George Washington University  
 Respass, Anna B.  
 Rhea, Nelle M.  
 †Rhine, Alice L.  
 Richeson, Austin B.
- N. Y. 8th and E Street  
 Mass. 1722 Willard Street  
 Mich. 1624 I Street  
 D. C. 636 D Street S. E.  
 D. C. 1443 T Street  
 D. C. 2117 3d Street N. E.  
 D. C. 3209 Highland Place
- D. C. Capitol Hotel  
 D. C. 326 10th Street S. E.  
 Ark. 1753 N Street  
 W. Va. 1722 H Street  
 D. C. Takoma Park, D. C.  
 Pa. 1321 13th Street  
 D. C. 933 N Street  
 Ala. Washington Barracks
- Ohio 2014 G Street  
 N. Y. 1840 Biltmore Street  
 D. C. X-Y Bldg., Government Hotels  
 D. C. 1300 Belmont Street  
 Md. 3722 13th Street  
 Md. V-W Bldg., Government Hotels  
 D. C. 1637 Massachusetts Avenue  
 Md. 1720 21st Street  
 D. C. 2096 N Street  
 Pa. Burlington Hotel  
 D. C. 2124 P Street  
 Mich. E-F Bldg., Government Hotels  
 Ind. 1104 M Street  
 D. C. 1424 Euclid Street  
 D. C. 2222 1st Street  
 Miss. 816 15th Street  
 D. C. 1451 Girard Street  
 D. C. 1825 Phelps Place  
 Mich. 1745 K Street  
 Conn. 3912 McKinley Street  
 N. Y. 2023 G Street  
 Kans. 1801 I Street  
 D. C. Dept. Interior, Room 241  
 Mass. 914 Spring Road  
 Ky. 1710 Rhode Island Avenue  
 Ind. 4207 New Hampshire Avenue  
 Md. 205 Rock Creek Church Road  
 Kans. V-W Bldg., Government Hotels  
 Mich. 2564 University Place  
 D. C. Iowa Apartments
- Wash. 2011 F Street  
 Va. 838 Munsey Bldg.
- Va. Fort Myer, Va.  
 Mo. 1431 Newton Street  
 D. C. 3053 16th Street  
 Ill. 1008 22d Street  
 D. C. Y. M. C. A.  
 D. C. 1427 33d Street  
 R. I. 1438 N Street  
 D. C. 2025 Kalorama Road  
 D. C. 2025 Kalorama Road  
 D. C. 1825 Columbia Road  
 D. C. 2700 Connecticut Avenue  
 Ohio 7 Rhode Island Avenue N. E.  
 D. C. 3017 11th Street  
 Va. Y. M. C. A.  
 Ohio 2112 F Street  
 Md. Woodside, Md.
- D. C. Toronto Apartments  
 Kans. 1917 K Street  
 Md. 507 Evans Building  
 D. C. Iroquois Apartment

- Riemen, William A.  
 \*Riggin, Mrs. Lillian B.  
 \*Riggins, Maude I.  
 \*Riordan, Agnes  
 Rogers, Annabelle  
 Roger, Herbert O.  
 Rorer, Julia H.  
 Rose, Isol Fern  
 \*Rosett, Mrs. Olga  
 †Rowe, Victor B.  
 \*Rowzee, Cora M.  
 Royalty, Zadie  
 \*Rubin, Helen  
 \*Ruble, Cleo L.  
 Ruby, Charles P.  
 \*Rule, Blanche V.  
 Ruppert, Minnie L.  
 Sartain, R. L.  
 \*Saunders, Florence L.  
 \*Savage, Rose R.  
 Sawyer, Estelle M.  
 Schoenbauer, C. K.  
 \*Schoenberger, Pearl  
 \*Schofield, Frederick E.  
 Schrider, Charles R.  
 \*Schul, John H.  
 Schultz, Frederick C.  
 \*Schultz, Lenore D.  
 Schumacher, Jennie M.  
 Schutrumpf, Emma D.  
 \*Schwartz, Raymond J.  
 Scott, Nancy M.  
 Scovell, Jennie A.  
 \*Seeley, Emma M.  
 \*Selander, Edna C.  
 Shanahan, Katherine A.  
 Shanapy, John L. A.  
 Shapiro, Samuel  
 \*Sharpton, James T. B.  
 Sharwood, Florence E.  
 \*Sheild, C. Mercedes  
 Sheldon, Ann A.  
 Shelton, Mamie R.  
 Shepherd, Alexander R., Jr.  
 \*Sheridan, Mary K.  
 Sherwood, Winifred  
 Shiner, Hubert H.  
 Shively, Walter L.  
 Shrader, Letha L.  
 \*Shue, Mary Louise  
 \*Shumaker, L. Eugene  
 Sibbold, Julia C.  
 Sieber, Pansy V.  
 Silcox, Walter G.  
 Silver, Hanna  
 \*Simering, Grace E.  
 \*Simonds, Esther  
 \*Simplot, Anna Louise  
 Simpson, Grace E.  
 \*Simpson, Mae  
 †Simpson, Mary K.  
     A. M., George Washington  
     University.  
 †Sima, Enid  
 \*Skilling, Arthur Watta  
 Skliar, Robert  
 \*Slough, May D.  
 \*Small, Albert  
 \*Smith, Athaline M.  
 Smith, Charles W.  
 \*Smith, Daphne  
 Iowa 821 Otis Place  
 Ohio R-S Bldg., Government Hotels  
 Ill. 1278 Morse Street N. E.  
 D. C. 3114 18th Street  
 Md. Hyattsville, Md.  
 D. C. 1321 Belmont Street  
 D. C. 1800 K Street  
 D. C. Willard Courts  
 D. C. 2844 Wisconsin Avenue  
 Md. St. Elizabeth's Hospital  
 D. C. 1801 I Street  
 Texas R-S Bldg., Government Hotels  
 England 653 Morton Place N. E.  
 Miss. 1935 Calvert Street  
 Pa. 1600 Rhode Island Avenue  
 D. C. 724 7th Street N. E.  
 D. C. 1825 Hamlin Street N. E.  
 D. C. 14th and Rhode Island Avenue  
     N. E.  
 Va. 1321 Fairmont Street  
 D. C. 513 Massachusetts Avenue  
 D. C. 29 Florida Avenue  
 Md. Hyattsville, Md.  
 Ohio 152 R Street N. E.  
 Md. 1243 E Street S. E.  
 Md. Silver Spring, Md.  
 D. C. 220 8th Street S. E.  
 D. C. 1518 8th Street  
 Mass. 1819 G Street  
 D. C. 312 Indiana Avenue  
 D. C. 451 M Street  
 D. C. 32 Rhode Island Avenue  
 Texas 2144 California Street  
 D. C. 1428 Clifton Street  
 N. Y. 328 Maryland Avenue N. E.  
 Minn. 1348 Otis Place  
 Kans. 3554 11th Street  
 N. J. 305 1st Street S. E.  
 D. C. 600 Louisiana Avenue  
 S. C. 1733 19th Street  
 D. C. 1132 Buchanan Street  
 Minn. 1801 I Street  
 D. C. 1717 17th Street  
 Va. 901 M Street  
 D. C. Bethesda, Md.  
 Va. N-O Bldg., Govt. Hotels  
 Colo. The Hadleigh  
 Va. 1227 11th Street  
 Mo. 3121 Mt. Pleasant Street  
 Cal. 1319 Mass. Avenue  
 Tenn. Chaumont Apartment  
 Pa. 2134 F Street  
 D. C. 1826 H Street  
 Ill. 3228 Hiatt Place  
 Mass. 1910 G Street  
 Md. 1221 12th Street  
 D. C. 923 S. C. Ave. S. E.  
 Md. Hyattsville, Md.  
 Iowa 100 B Street N. E.  
 Mass. 1439 T Street  
 D. C. 2037 F Street  
 D. C. 3404 Prospect Avenue  
 D. C. Wardman Park Hotel  
 Mass. 112 3rd Street N. E.  
 D. C. 222 9th Street S. W.  
 Tenn. I-K Bldg., Govt. Hotels  
 D. C. 815 Upshur Street  
 N. Y. 1229 Connecticut Avenue  
 Md. Income Tax Unit  
 Utah 120 Maryland Avenue N. E.



- Smith, Helen C.  
 Smith, Isabelle  
 Smith, Isabelle G.  
 Smith, Mabel M.  
 †Smith, Marguerita E.  
 \*Smith, Mary P.  
 Smith, Rena Belle  
 \*Smith, Ruth E.  
 \*Smith, Major William  
 L.L. B., National University  
 Law School  
 Sokolove, Marian  
 Sowder, Anna L.  
 \*Spencer, Myra Dixon  
 Spiller, Pauline B.  
 \*Spray, Edith  
 \*Stamm, Mrs. Lillian K.  
 †Stanback, Lester  
 †Stanton, Oscar D.  
 \*St. Clair, Helen B.  
 Steever, Laura  
 M. S., George Washington  
 University  
 \*Steinle, Kathryn L.  
 M. S., Syracuse University  
 Stephen, Wilda E.  
 \*Stevens, Frances F.  
 †Stevens, Loyd A.  
 Stone, Alma  
 \*Stone, Myrtice N.  
 \*Stonebraker, Florence E.  
 Stoup, Earl A.  
 Strait, Helen E.  
 Strickland, Ruby M.  
 Stringham, Beatrice  
 Stuard, Mabel E.  
 \*Suits, Mary B.  
 †Sullivan, Anna R.  
 Sullivan, Edward C.  
 Sullivan, Mary E.  
 \*Surasky, Dorothy  
 \*Swann, M. Edith  
 \*Swanson, Bertha E.  
 \*Swartz, Sarah M.  
 \*Switzer, Lena V.  
 †Taggard, Virginia M.  
 Taliaferro, Mrs. Elizabeth F.  
 Tama, Alice C.  
 \*Tanner, Olive  
 \*Tapley, Gladys  
 \*Taylor, L. Ethel  
 Taylor, Marcellette M.  
 Taylor, Mrs. Marie W.  
 †Taylor, May C.  
 \*Taylor, Nora D.  
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 \*Thompson, Evelyn A.  
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 Thompson, Frank Elsie  
 Thompson, Mabel J.  
 \*Thompson, Maude A.  
 Thompson, Minnie F.  
 Thompson, Reginald L.  
 \*Thomson, Edith M.  
 D. C. 1731 S Street  
 Ill. 5505 13th Street  
 D. C. Portland Hotel  
 Pa. G-H Bldg., Govt. Hotels  
 Pa. E-F Bldg., Govt. Hotels  
 D. C. 1315 Clifton Street  
 Mass. 1838 Lamont Street  
 Ind. 1826 Calif. Street  
 D. C. Portland Hotel  
 D. C. 32 Q Street  
 Va. 1759 P Street  
 N. C. 3627 N. H. Avenue  
 Ill. 308 E. Capitol Street  
 D. C. 1320 21st Street  
 Pa. 5413 Illinois Avenue  
 Miss. 409 4th Street  
 D. C. 3310 Ross Place  
 Mo. 1826 M Street  
 Md. 2106 G Street  
 D. C. 500 E. Capitol Street  
 Mo. X-Y Bldg., Govt. Hotels  
 D. C. 1658 29th Street  
 S. D. U. S. Weather Bureau  
 Mo. 1214 Massachusetts Avenue  
 D. C. 1213 Morris Road S. E.  
 D. C. 3433 Oakwood Terrace  
 D. C. 514 Kenyon Street  
 N. Y. The Laclede  
 Pa. 2008 G Street  
 Utah 1367 Quincey Street  
 D. C. 2118 I Street  
 Ill. E. 510. Wardman Park Inn.  
 N. Y. 21 Michigan Avenue N. E.  
 Mass. 2814 12th Street  
 Iowa 1215 K Street  
 S. C. 1828 Calvert Street  
 Va. 1841 Mintwood Place  
 Pa. 1461 Girard Street  
 Pa. G-H Bldg., Govt. Hotels  
 W. Va. Government Hotels  
 D. C. 1277 New Hampshire Avenue  
 Scotland 2551 17th Street  
 D. C. 1753 N Street  
 W. Va. The Cavanaugh  
 D. C. 712 F Street N. E.  
 D. C. 2031 F Street  
 Wis. 1801 I Street  
 Calif. The Hadleigh  
 D. C. 1813 19th Street  
 W. Va. 741 Quebec Street  
 D. C. 2634 Woodley Place  
 Md. U. S. Patent Office  
 D. C. 3600 Reservoir Street  
 Minn. 2109 F Street  
 Ill. 815 Connecticut Avenue  
 D. C. 1630 Irving Street  
 D. C. 3334 P Street  
 D. C. 1400 Decatur Street  
 Ohio 1712 Lincoln Road N. E.  
 Idaho 1840 Biltmore Street  
 Kan. T-U Bldg., Govt. Hotels  
 D. C. 741 7th Street S. E.  
 D. C. 411 O Street  
 N. Y. 1213 Rhode Island Avenue

- Thorpe, Vesta G.  
 Thorwarth, Laura E.  
 \*Thurber, Robert K.  
 Thurston, Clarence N.  
 Thurston, Evangeline  
 \*Thurston, Ruth  
 \*Tillinghast, Mrs. Jesse L.
- Tillotson, Hilary P.  
 \*Tompkins, Charles V.  
 Toole, Bertha T.  
 \*Townsend, Mrs. Nellie C.  
 \*Trent, John W.  
 \*Trimble, Alice M.  
 \*Truett, Ella Jane  
 Truitt, Della B.  
 Trou, Robert A.  
 †Trusheim, Eva M.  
 Tucker, Max W.  
 \*Tyler, Ellen C.
- Vail, E. Keusett  
 \*Valentine, Vilma  
 Van Fleet, Stephen C.  
 Van Meter, Mary G.  
 \*Vellie, Edna  
 \*Villaret, G., Jr.  
 Vipond, A. Stuart  
 \*Voelkner, Charlotte A. C.
- \*Wagar, Elizabeth H.  
 \*Wagar, Fred L.  
 Waldron, Joseph I.  
 Walker, William E., Jr.  
 \*Waller, Louella  
 †Wang, Ting Yun  
 \*Ware, Grace A.  
 Warner, Anna P.  
 \*Wassman, Anita W.  
 \*Waters, J. Power  
 Watkins, Charlotte L.  
 \*Watson, Virginia G.  
 Watts, Leila E.  
 Wedgworth, May  
 \*Weir, Richie Belle  
 Welch, Florence Louise  
 Weller, Smith E.  
 Wesley, Maud A.  
 Westerberg, Olga E.  
 Westergren, Ruth A.  
 Wetzel, Elsie A.  
 †Whaley, Roberta M.  
 Wheatley, Mrs. Walter  
 Wheeler, Helen E.  
 Wheeler, Hester  
 Whipple, Verna A.  
 White, Florence D.  
 \*White, Katherine  
 Whiteside, Ruth N.  
 Whitfield, Marie G.  
 Whitlock, Henrietta  
 Wihirt, Margaret B.  
 †Wiles, Walter E.  
 †Wilkinson, Lucille Warfield  
 \*Willard, Clara  
 Williams, Alexander E., Jr.  
 †Williams, Florence V.  
 \*Williams, Herbert E.  
 Williams, Mathilde D.  
 \*Williams, Miriam H.  
 †Willis, Martha O.  
 \*Willoughby, Barbara  
 Wilson, Harry H.
- Tex.  
 Minn.  
 D. C.  
 N. Y.  
 Mo.  
 D. C.  
 Va.  
 Okla.  
 N. J.  
 Pa.  
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 D. C.  
 Tenn.  
 D. C.  
 D. C.  
 D. C.  
 Ill.  
 D. C.  
 D. C.
- 2848 27th Street  
 1320 Park Road  
 1333 12th Street  
 1525 1st Street  
 L-M Bldg., Govt. Hotels  
 St. Elizabeth's Hospital  
 66 So. Cedar Street, Cherrydale,  
 Va.  
 1316 L Street  
 Alexandria, Va.  
 V-W Bldg., Govt. Hotels  
 The Maury  
 1424 Harvard Street  
 1501 16th Street  
 3028 Cambridge Place  
 Columbia Hospital  
 1314 30th Street  
 210 B Street S. E.  
 802 Massachusetts Avenue N. E.  
 1214 K Street  
 The Ambassador  
 1320 21st Street.  
 2906 Columbia Road  
 1320 K Street  
 1235 Girard Street  
 1709 Rhode Island Avenue.  
 3332 17th Street  
 1444 Fairmont Street  
 2819 P Street  
 2819 P Street  
 3112 18th Street  
 1624 P Street  
 1832 K Street  
 644 Munsey Bldg.  
 1742 S Street  
 2001 16th Street  
 218 7th Street S. W.  
 Riverdale, Md.  
 1012 C Street N. E.  
 1321 Fairmont Street  
 1420 N Street  
 311 C Street  
 Hyattsville, Md.  
 1436 R Street  
 536 4th Street N. E.  
 1114 Vermont Avenue  
 3210 19th Street  
 623 Quincy Street  
 4411 39th Street  
 1333 Gallatin Street  
 2226 Connecticut Avenue  
 1214 New York Avenue  
 1320 15th Street  
 1801 I Street  
 721 Quebec Place  
 1501 16th Street  
 P-Q Bldg., Govt. Hotels  
 815 A Street N. E.  
 1364 Harvard Street  
 Glencarlyn, Va.  
 1318-20 22nd Street  
 1526 K Street  
 St. Elizabeth's Hospital  
 2300 19th Street  
 1710 Rhode Island Avenue  
 1156 15th Street  
 1332 F Street N. E.  
 1700 Lamont Street  
 G. H. Bldg., Govt. Hotels  
 1841 Lamont Street  
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\*Wylie, Katharine V.  
\*Yagle, Irma E.  
Yagour, Sonia S.  
\*Zopf, Alice J.

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Minn. 300 Rutland Courts  
D. C. 2333 Ashmead Place  
D. C. 815 6th Street  
D. C. The Chastleton  
Ala. 1101 15th Street  
D. C. 1205 Thomas Circle  
Ala. 1114 Vermont Avenue  
D. C. 300 E Street N. E.  
D. C. 1833 Vernon Street

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		Md.
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Bonnett, Harold A. (Chem. Eng., 18)	D. C.	16 Adams Street
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 Campbell, Richard D. (E. E., 133)  
 Carter, Robert C. (C. E., 35)  
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     Graduate, Argentine Naval School  
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 \*Cole, Everett (M. E., 0)  
 Connolly, Bernard M. (C. E., 13)  
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 \*Cramer, Baxter B. (E. E., 5)  
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 Crews, Maurice A. (Physics, 56)  
 Crocker, Arthur W.  
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- Cross, Howard C. (Chem. Eng., 0)  
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 Crouch, John C. (M. E., 37)  
 Croze, Walter W. J., Jr.  
     (Chem. Eng., 7)  
 \*Curtiss, Charles L., Jr. (C. E., 13)
- \*Daidy, George A. (Arch., 106)  
 \*Darling, Horace V. (E. E., 0)  
 Davidson, Wilbur D. (C. E., 113)  
 \*Delfin, Jose F. (M. E., 0)  
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 Disney, Lindsay P. (M. E., 71)  
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 Dowd, Cecil J. (Physics, 0)  
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 D. C. 2129 G Street  
 D. C. 703 Randolph Street  
 D. C. 3342 Mt. Pleasant Street  
 D. C. 2029 1st Street  
 D. C. 719 Taylor Street  
 Ind. 3512 10th Street  
 D. C. 1125 17th Street  
 D. C. 11 Girard Street N. E.  
 D. C. 4106 Illinois Avenue  
 Pa. Riverdale, Md.  
 D. C. 103 6th Street N. E.  
 Argentine Brentwood, Md.  
 D. C. 21 U Street N. E.  
 D. C. 1314 Longfellow Street  
 D. C. 1234 Girard Street N. E.  
 Pa. 1511 Lamont Street  
 Md. 2033 F Street  
 Va. Manassas, Va.  
 D. C. 911 Jefferson Street  
 Va. 213 Beech Street, Clarendon, Va.  
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     N. E.  
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 Md. Hyattsville, Md.  
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 Minn. 1750 Massachusetts Avenue  
 Ohio 1628 15th Street  
 Mass. 1513 Meridian Place  
 D. C. 408 11th Street N. E.  
 D. C. 1807 Good Hope Road S. E.  
 P. I. Y. M. C. A.  
 Kans. Bureau of Standards  
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 D. C. 2025 H Street  
 D. C. 1323 Vermont Avenue  
 Va. 405 Oak Street, Clarendon, Va.  
 D. C. 2047 Park Road  
 D. C. 1326 Girard Street  
 Ill. 1819 G Street  
 D. C. 1721 Kilbourne Place  
 Colo. Navy Department  
 D. C. 1334 Irving Street  
 D. C. 3815 1st Street S. E.  
 D. C. Copley Courts  
 D. C. 3503 Wisconsin Avenue  
 D. C. 1314 Columbia Road  
 D. C. 1109 Columbia Road  
 D. C. Bureau of Standards  
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Fletcher, Earl A. (E. E., 0)	Va.	Potomac Electric Power Co.
Foley, William E. (E. E., 30)	Mass.	4008 12th Street N. E.
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Fuqua, Delmour J. (Chem. Eng., 68)	D. C.	4009 14th Street
Gage, Lawrence A. (Physics, 0)	D. C.	3905 Legation Street
Gannaway, Charles L. (M. E., 0)	D. C.	1103 6th Street
Garman, George G. (E. E., 38½)	Pa.	2031 2d Street N. E.
Gartside, Frank T. (C. E., 103)	Md.	1729 New York Avenue
Gershanick, Carl (E. E., 37)	D. C.	2211 N Street
*Gibson, Carter T. (C. E., 0)	D. C.	3300 18th Street N. E.
Gilman, Alfred K. (C. E., 0)	Va.	Clarendon, Va.
Girouard, Philias Henry (M. E., 33)	R. I.	1 18th Street S. E.
*Given, Harvey T. (E. E., 4)	D. C.	2716 Morrison Street
Glycofrides, Eustace (Chem., 107)	D. C.	1711 Pennsylvania Avenue
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Gonzales, Roman B. (C. E., 0)	P. I.	Old Dean Place, Connecticut Avenue
Goodall, Alfred B. (E. E., 82)	D. C.	1824 Ingleside Terrace
Gosnell, Clarence W. (C. E., 0)	D. C.	103 2d Street N. E.
Gould, Murray W. (E. E., 0)	D. C.	121 Kentucky Avenue S. E.
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Gray, Joseph E. (C. E., 5)	D. C.	452 Maryland Avenue S. W.
Greeley, Arthur E. (E. E., 27)	D. C.	2632 Garfield Street
Greenberg, William (C. E., 0)	D. C.	601 E Street S. E.
Greenwood, Audley H. (M. E., 16)	Md.	1316 Irving Street
Griest, James R. (E. E., 0)	D. C.	1517 A Street N. E.
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Groome, George G. (Chem. Eng., 0)	D. C.	649 A Street N. E.
Hainsworth, R. G. (C. E., 10)	D. C.	321 13th Street S. W.
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Harrison, Arthur P. (Chem., 69)	D. C.	Branchville, Md.
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 Hensley, Richard G. (E. E., 18)  
 Hepburn, David N. (M. E., 4)  
 Hill, Hugh P., Jr. (C. E., 78)  
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 Hoffar, Ancus M. (C. E., 17)  
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 Homan, Lester S. (E. E., 65)  
 Horn, Carl H. (C. E., 0)  
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 Howison, Raynor (C. E., 64)  
 \*Hudmon, William E. (Arch., 12)  
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 Jeffery, James H. (Arch., 0)  
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 Johannessen, Vaughn L. (E. E., 0)  
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 \*Johnson, Nevin B. (E. E., 7)  
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 Johnston, Oliver L. (C. E., 34)  
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 \*Kaufman, Marie (Arch., 0)  
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 Keefauver, L. S. (Arch., 72)  
 \*Keegan, Harry J. (Chem. Eng., 0)  
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 D. C. 1423 Monroe Street  
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 Iowa 1517 Buchanan Street  
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 Ireland 534 20th Street  
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 Tucker, William A. (M. E., 0)  
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 Va. 10 K Street N. E.  
 Pa. 413 6th Street N. E.  
 N. Y. 120 Randolph Place  
 D. C. 637 Morton Place N. E.  
 D. C. 703 9th Street N. E.  
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- Pa. 1708 P Street  
Va. Alexandria, Va.  
D. C. 1233 Shepherd St.  
Cal. Bureau of Standards
- Ohio Y. M. C. A.  
D. C. 20 Iowa Circle
- Va. Interstate Commerce Com.  
Md. Mt. Rainier, Md.  
D. C. 712 Rock Creek Church Road
- N. Y. 1723 G Street  
Ohio 1022 Irving Street N. E.  
D. C. Burlington Hotel  
D. C. 759 Quebec Street  
Mich. 3208 Newark Street
- Calif. 1316 Girard Street  
N. C. 1627 K Street  
D. C. 2204 14th Street  
D. C. 126 Massachusetts Avenue  
D. C. 1820 California Street  
Md. Tech. High School
- D. C. The Chastleton
- N. J. 1466 Monroe Street  
Mo. 2611 Monroe Street N. E.  
Ill. 1736 Columbia Road
- D. C. 221 Vine Street, Takoma Park
- D. C. 811 4½ Street S. W.
- N. Y. 615½ M Street  
D. C. 1414 Irving Street
- D. C. 4019 5th Street  
D. C. 1407 W Street  
D. C. 1214 G Street N. E.  
W. Va. 1305 E Capitol Street
- Va. Bureau of Standards

†Richardson, Katherine E.	D. C.	1424 L Street
*Rinkus, Franas	Tonishkia	1925 F Street
Rodier, Phil L.	D. C.	1831 F Street
*Ryan, Archie D.	D. C.	1925 N. Capitol Street
†Sheehan, Frank P.	D. C.	Marine Barracks
Shoultes, Marvin A.	N. J.	1416 Rhode Island Avenue
*Slattery, Thomas F.	Conn.	1816 Kilbourne Place
Smith, Orville F.	D. C.	1340 F Street N. E.
†Sohby, Ibrahim	Egypt	1738 F Street
*Stewart, Benjamin F.	D. C.	1038 6th Street N. E.
†Sweeley, Rudolphus S.	D. C.	157 Kentucky Avenue S. E.
†Thomas, Joseph J.	Pa.	1224 Euclid Street
A. B., Lafayette College; A. M., University of Pennsylvania		
†Trainor, Richard Lee	D. C.	3310 22nd Street N. E.
*Vermillion, Milton E.	D. C.	240 8th Street N. E.
*Verplanck, James D.	N. Y.	3011 Rodman Street
A. B., Johns Hopkins Uni- versity		
Walde, William L.	D. C.	3029 Q Street
†Walsh, John F.	Iowa	2100 Massachusetts Avenue
Walsh, Joseph G.	D. C.	613 H Street S. W.
Whitmore, Charles F.	Mich.	Naval Medical School
*Wilkinson, Harry P.	Md.	Chevy Chase, Md.
Willits, George H.	Pa.	3609 12th Street N. E.
*Winner, Warren R.	D. C.	5728 Colorado Avenue
*Winstead, Edmund D.	D. C.	1913 14th Street
Worrall, Robert Henry	D. C.	1748 Kilbourne Place

## TEACHERS COLLEGE

CANDIDATES FOR THE DEGREE OF BACHELOR OF ARTS  
AND BACHELOR'S DIPLOMA IN EDUCATION

Alber, Madeline M. J. (32)	Ind.	21 K Street N. E.
Anderson, Theodore C. (98)	Va.	302 G Street N. E.
Andrews, Elizabeth M. (75)	D. C.	1837 14th Street
*Appler, Helen I. (0)	D. C.	4516 15th Street
Arrowsmith, Jean M. (23)	Pa.	1761 Church Street
Atkins, Mary L. (58)	Ky.	2901 16th Street
Baer, Mrs. Mary A. (57)	D. C.	The Maury
*Bagley, Myrtle (0)	Va.	Rockville, Md.
†Baldwin, Carrie B. (35)	Tex.	The Alabama
Ballard, Abbie (52)	Va.	1420 R. Street
Baltzell, Edna M. (6)	D. C.	648 I Street S. W.
Bangerter, Sarah C. (51)	D. C.	3800 Davenport Street
Barnes, Mrs. Beulah S. (80½)	Cal.	1029 22nd Street
Barton, Mrs. Martha B. (71)	D. C.	707 E. Capitol Street
Bassett, Catherine C. (114)	D. C.	604 7th Street N. E.
Beck, Katherine D. (30)	Wis.	607 21st Street
Beck, Margaret M. (101)	Wis.	607 21st Street
Bell, Ruth (111)	D. C.	642 C Street N. E.
Bennett, Florence Mabelle (65)	D. C.	4411 Iowa Avenue
*Bicknell, Marion (0)	Tenn.	2221 Mt. Pleasant Street
Birth, Jennie A. (82)	Pa.	1826 California Street
*Blum, Janice (48)	D. C.	115 12th Street S. E.
†Boblitz, Grace (52)	D. C.	1240 Valley Place S. E.
Booth, Elizabeth M. (27)	D. C.	1241 Clifton Street
Bourgeois, Lizzie Emily (0)	Ia.	1129 New Hampshire Avenue
Bourgeois, Winnie (0)	Ia.	1129 New Hampshire Avenue
Bowden, Anna Virginia (58)	D. C.	Silver Spring, Md.
*Bowers, Ethel (89½)	Ind.	1824 H Street
Boyd, Helen (88)	N. J.	1748 Church Street
Brackett, Catherine (48)	D. C.	1464 Girard Street
*Bray, Mary Madeline (84)	Pa.	1335 D Street N. E.



†Breidenbach, Mrs. Nona Fern (0)	Va.	Falls Church, Va.
Broome, Maude V. (0)	Md.	Rockville, Md.
*Brown, E. Adalyn (0)	Md.	Hyattsville, Md.
†Brux, Elizabeth (0)	Ga.	2800 13th Street
Burgess, Harriett L. (62)	D. C.	1819 Hamlin Street N. E.
*Burlingame, Annie E. (4)	D. C.	919 L Street
Burton, Margaret (48)	D. C.	424 8th Street N. E.
†Butler, Margaret F. (0)	Va.	481 Center Market
Butrum, Lena H. (0)	Ark.	The Portner
Carney, Ethel L. (63)	D. C.	1009 Otis Place
Carragher, Margaret M. (72)	D. C.	504 6th Street S. W.
Carragher, Rose G. (72)	D. C.	504 6th Street S. W.
Carroll, Rose M. (0)	D. C.	1314 Delafield Place
Carroll, Zata Vilelta (42)	Pa.	116 Maryland Avenue N. E.
Carter, Nellie E. (9)	Ind.	2321 Ashmead Place
Cashell, Nellie T. (0)	Md.	Bethesda, Md.
*Challice, Clara E. (88)	D. C.	1511 22nd Street
Chapman, Marion L. (22)	D. C.	3228 13th Street
Clarke, Amy I. (0)	D. C.	2702 12th Street N. E.
†Clifford, May F. (48)	Minn.	656 Massachusetts Avenue N. E.
Clough, Adelaide C. (52)	Md.	Riverdale, Md.
Coates, Lyla Mildred (60)	D. C.	4601 Georgia Avenue
Coffin, Martha J. (0)	Ind.	1752 17th Street
Cogovan, Rosemary Florence (52)	N. Y.	1228 Fairmont Street
Comins, May Emma (24)	N. Y.	V-W Bldg., Govt. Hotels
Condy, Elizabeth (52)	D. C.	1150 N. Capitol Street
Connick, Mildred R. (54)	D. C.	1225 I Street S. E.
Cooper, Agnes E. (19)	D. C.	904 14th Street
†Cornell, Edward M. (95 2/3)	D. C.	2727 30th Street N. E.
†Cornell, Mrs. Florence N. (0)	D. C.	2727 30th Street N. E.
Cornell, Ullanie (48)	D. C.	906 E. Capitol Street
Cowdill, Catherine M. (3)	D. C.	1816 Park Road
Coyle, Blanche E. (0)	D. C.	N-O Bldg., Govt. Hotels
Crabtree, Eunice K. (111)	D. C.	1304 Euclid Street
*Cramer, Dorothy (0)	Md.	24 E. Woodbine Street, Chevy Chase, Md.
Crockett, Bessie Lee (88 1/2)	D. C.	1617 Swan Street
Crook, Anna M. (52)	D. C.	1819 Irving Street
Crook, Ella Margaret (52)	D. C.	1819 Irving Street
Crump, Edna Land (0)	D. C.	2402 16th Street
Darby, Margaret I. (44)	Md.	C-D Bldg., Govt. Hotels
Davidson, Maria M. (0)	D. C.	1456 Irving Street
Davis, Ruth E. (52)	D. C.	1349 Q Street
Davison, Ruth Lowe (50)	D. C.	P-Q Bldg., Govt. Hotels
Dawson, Marie Ann (0)	Ky.	1121 E. Capitol Street
Decker, Ruth E. (74)	Pa.	1150 N. Capitol Street
*Deem, Mary D. (52)	Miss.	Kendall Green
Dellwig, Flora Marie (0)	D. C.	310 2nd Street N. E.
Denison, Harriet A. (66)	D. C.	3117 35th Street
Dillard, Mary Elizabeth (85)	Ala.	707 22nd Street. The Madison
Doonan, Katharine (48)	D. C.	2536 14th Street
Dotson, Floyd Ernest (0)	W. Va.	824 8th Street
Draper, Mrs. Elizabeth K. (76)	D. C.	1304 Fairmont Street
Du Bose, Camille (68)	D. C.	2903 Q Street
Dulin, Cecilia P. (87)	D. C.	2725 Morrison Street
Eastlack, Mrs. Lola F. (42 1/2)	Iowa	1126 7th Street N. E.
Edgerton, Esther (0)	D. C.	1813 Varnum Street
Elliot, Janet E. (30)	D. C.	2757 McKinley Street
Ely, Mrs. Edith W. (60)	D. C.	50 S Street
Endicott, Louise (82)	D. C.	1865 Wyoming Avenue
Entwistle, Ada Reed (70)	D. C.	1224 North Carolina Ave. N. E.
Epstein, Tessie (46)	D. C.	1432 R Street
Erricson, Anna Lucinda (28)	N. Y.	713 8th Street N. E.
Espey, Emolyn Carpenter (73)	Ky.	131 A Street N. E.
Ewer, Maidee (52)	D. C.	1141 New Hampshire Avenue
Fagin, Nathan B. (48 2/3)	Cal.	
*Fairchild, Floy F. (0)	D. C.	2716 Ontario Road
	D. C.	1922 Summit Place N. E.

- †Feehan, Nancy (52)  
 Forbes, Ina (0)  
 Fowler, Alice V. (93)  
 Frankenfield, Mrs. Mary L. H. (70)  
 Fravel, Margaret (45)  
 Friedman, David (0)  
 \*Friedman, Grace K. (0)  
 Fry, Sara G. (31)  
 Fulks, Iva (0)  
 Gardner, Mary A. (0)  
 Gerry, Katharine (27)  
 Gervais, Mae C. (70)  
 \*Geschickter, Minnie (0)  
 Getty, Annie G. (97)  
 Gingrich, Elizabeth B. (20)  
 Glass, Sue S. (52)  
 Goodfellow, Katherine B. (80 2/3)  
 Graham, Edgar (11)  
 Grant, Florence E. (82)  
 Green, Mildred (0)  
 Greenawalt, Lambert (72)  
 Greenwood, Katharine E. (53)  
 Gregory, A. Josephine (104)  
 Griest, Estelle C. (6)  
 \*Griffith, Elizabeth W. (52)  
 †Grosvenor, Edith L. (60)  
 Grubb, Dora E. (70)  
 Grubbs, Alice L. (52)  
 Gschwind, Marie R. (0)  
 Guest, Cora E. (95)  
 Guest, Margaret R. (95)  
 †Guthridge, Eleanor C. (0)  
 Guyton, Agnes H. (43)  
 †Hanke, Edna E. (10)  
 Harris, F. Lucille (48)  
 †Harris, Sophia V. (65)  
 Hart, Sara T. (68)  
 \*Hawkins, Mrs. Elizabeth I. (0)  
 \*Hellman, Mrs. Gladys S. (3)  
 Herrick, Mary E. (67)  
 Heyl, Mrs. Lucy K. (60)  
 Hickerson, Rachel (0)  
 Hickman, Clara (61)  
 Hill, Florence B. (55)  
 \*Hill, Hazel Rae (87)  
 Hillis, Irma M. (12)  
 Holbrook, Edna F. (0)  
 †Howes, Mrs. Nola H. (52)  
 Hunt, Lucy J. (4)  
 Hutson, Ruth Buyers (0)  
 Ickis, Imogene R. (36)  
 Jacobs, Laura (0)  
 Jenkins, Kathryn B. (54)  
 \*Johnson, Carol H. (0)  
 Johnson, Virginia H. (116)  
 †Jones, Eunice (4)  
 †Jones, Sarah L. (44)  
 Keesecker, Ward W. (56 1/2)  
 Kendrick, Elizabeth H. (66)  
 Kennedy, Mabel L. (64)  
 King, Elizabeth W. (48)  
 Kinnear, Agnes I. (97)  
 Kochka, Joseph L. (119)  
 †Krouse, Clara M. (52)  
 Mass. 2024 F Street  
 N. Y. 1228 Fairmont Street  
 D. C. 1346 Irving Street  
 N. J. Cottage Hill  
 Va. East Falls Church  
 Md. 1824 H Street  
 Conn. 1824 H Street  
 W. Va. 1337 Girard Street  
 Md. Gaithersburg, Md.  
 Pa. 2109 F Street  
 D. C. 3320 Mt. Pleasant Street  
 D. C. 715 Monroe Street N. E.  
 D. C. 1222 Connecticut Avenue  
 D. C. 1819 Columbia Road  
 Pa. 1432 Clifton Street  
 Va. 1024 Vermont Avenue  
 Canada 465 K Street  
 Ark. 1811 G Street  
 N. Y. 1228 Fairmont Street  
 D. C. 600 23rd Street  
 Pa. New Winston Hotel  
 D. C. 806 Maryland Avenue N. E.  
 D. C. Olympia Apts., 14th and Euclid Streets  
 D. C. 1517 A Street N. E.  
 Md. Gaithersburg, Md.  
 D. C. The Iowa  
 Va. 1914 H Street  
 Va. Gaithersburg, Md.  
 N. Y. 1229 Connecticut Avenue  
 D. C. 3165 18th Street  
 D. C. 3165 18th Street  
 D. C. 1602 6th Street  
 Colo. G-H Bldg., Govt. Hotels  
 D. C. 605 Massachusetts Avenue N. E.  
 D. C. 2306 1st Street  
 D. C. 1801 K Street  
 Va. P-Q Bldg., Govt. Hotels  
 N. Y. 911 7th Street N. E.  
 D. C. 3809 Jocelyn Street  
 D. C. 2525 Wisconsin Avenue  
 D. C. 1315 Fairmont Street  
 Md. Germantown, Md.  
 D. C. 442 New Jersey Ave. S. E.  
 Ind. 1320 15th Street  
 Md. 1309 17th Street  
 Nebr. 3144 17th Street  
 N. Y. 3207 Morrison Street  
 Kan. 2011 F Street  
 D. C. 437 New Jersey Avenue S. E.  
 D. C. 826 Otis Place  
 Iowa 2819 28th Street  
 D. C. 1400 Decatur Street  
 D. C. 809 10th Street  
 D. C. 505 8th Street S. E.  
 Va. N-O Bldg., Govt. Hotels  
 N. C. 1228 Massachusetts Avenue  
 Miss. 1319 N Street  
 W. Va. Y. M. C. A.  
 D. C. The Cumberland  
 Va. 921 Shepherd Street  
 Va. Geo. Wash. Park, Alexandria.  
 Va.  
 D. C. The Stanhope  
 N. J. 217 Linworth Place S. W.  
 D. C. 1650 Montello Avenue N. E.



Lecky, Prescott (109)	Va.	1653 Pennsylvania Avenue
†Leonard, Mrs. Blanche S. (64)	Iowa	1800 K Street
Lewis, Dorothy M. (62)	D. C.	4438 Kansas Avenue
Lewis, Elizabeth S. (69)	D. C.	3316 Mt. Pleasant Street
†Lewis, Florence (0)	Ind.	1336 I Street
Li, Kuang Z. (2)	China	2312 19th Street
Lind, Ida May (36)	D. C.	4516 14th Street
Littleton, Mary V. (0)	W. Va.	916 I Street S. E.
Lohmann, Pauline (78)	D. C.	429 4th Street N. E.
Loman, Mary E. (20)	Md.	Sherman Avenue, Takoma Pk.
*Loux, Lloyd F. (118)	Pa.	3404 Prospect Avenue
Lucas, Bertha L. (83)	D. C.	912 Kent Place N. E.
McCauley, Georgia Ann (0)	Va.	East Falls Church, Va.
McCauley, Irma G. (48)	D. C.	1354 Monroe Street
*McClure, Dora F. (15)	Pa.	1102 13th Street
McCormick, Florence (0)	Mass.	I-K Bldg., Govt. Hotels
McGill, Marie C. (60)	D. C.	160 Tennessee Avenue N. E.
McGown, Ruth J. (68)	D. C.	1808 Kenyon Street
McGuire, Mrs. Ava H. (0)	La.	Cherrydale, Va.
*McKibbin, Mary T. (62)	Pa.	1819 G Street
†McKnew, Jane M. (15)	D. C.	1421 Columbia Road
McNamara, Rosemary (0)	D. C.	1837 Wyoming Avenue
Maffet, Marie L. (28)	Kan.	1320 15th Street
*Magruder, Mary (110)	Md.	Rockville, Md.
Mahoney, Julia (D. 64)	D. C.	4011 8th Street
Maitland, Florence (14)	D. C.	1316 Girard Street
Mallan, Adele Blaine (0)	D. C.	1824 I Street
Maloney, Emma J. (52)	D. C.	The New Berne
Marks, Gladys E. (0)	D. C.	204 Rhode Island Avenue
Marshall, E. Blanche (57)	D. C.	1317 Rhode Island Avenue
Marshall, Mary E. (48)	D. C.	7023 Blair Road
*Martin, Mrs. Gladys A. (77)	Iowa	1497 Meridian Place
Maxson, Evelyn J. (104½)	D. C.	647 E. Capitol Street
Mayer, Carmen Louise (48)	D. C.	3106 P Street
Meeks, Esther E. (12)	D. C.	812 20th Street
*Merrick, Manila C. (0)	Iowa	1410 M Street
Michaelson, Winifred M. (0)	D. C.	1234 Girard Street
Moncure, Anne (0)	Va.	408 Duke Street, Alexandria, Va.
Monred, Ravenell A. (54)	Md.	Gaithersburg, Md.
*Moody, Ada C. (76)	D. C.	1512 P Street
Moore, Margaret D. (0)	N. Y.	V-W Bldg., Govt. Hotels
*Moss, Mrs. Rose M. (0)	Md.	Capitol Heights, Md.
Murray, Anna (0)	D. C.	1317 Farragut Street
Myers, Mrs. Helen F. (52)	D. C.	1346 Harvard Street
Newhouser, Enola H. (88)	D. C.	217 E. Capitol Street
Newman, Otho L. (94)	Ind.	613 Keefer Place
Nichols, Dorothy V. (65)	Md.	6402 Connecticut Avenue
Nicholls, Virginia M. (99)	D. C.	2144 F Street
Oberholtzer, Mrs. Isabel M. (76)	D. C.	129 Varnum Street
O'Brien, Julia (52)	D. C.	Bethesda, Md.
O'Connell, Margaret J. (15)	Wis.	E-F Bldg., Govt. Hotels
*O'Hara, Elizabeth (84)	D. C.	135 S Street
Olcott, Mina E. (0)	Conn.	Glen Carlyn, Va.
Grace (84)	Fla.	V-W Bldg., Govt. Hotels
Oliver, Estelle I. (110)	Tex.	911 19th Street
Orynski, Wanda (124)	Tex.	2008 G Street
Partch, Vera H. (34)	Iowa	625 The Hadleigh
Parton, Dorothy M. (0)	D. C.	417 10th Street S. W.
Parvis, Bertha (3)	Ind.	2026 P Street
Patterson, Margaret S. (57)	D. C.	3107 N Street
Pattison, Blanche L. (0)	D. C.	4805 Iowa Avenue
Payne, Willie May (6)	Va.	422 N. Paxton Street, Alexandria, Va.
Pedigo, Florence E. (27)	Va.	1916 G Street
Pollock, Laura K. (87)	Va.	Victoria Apartment
Poppleton, Hilda E. (12)	N. Y.	1130 New Hampshire Avenue

Porter, Bessie J. (110)	Nebr.	1130 New Hampshire Avenue
*Pumphrey, Nellie L. (4)	Md.	Hyattsville, Md.
Raftery, May Agnes (56)	D. C.	1412 30th Street
Rainey, Violette H. (0)	Va.	Rockville, Md.
Ramey, Elizabeth M. (58)	Va.	110 S. Alfred Street, Alexandria, Va.
†Rea, Inez G. (0)	Colo.	E-F Bldg., Govt. Hotels
*Read, Willa (15)	Wyo.	1648 Oregon Place
Reeve, Laura W. (98)	D. C.	3217 19th Street
Regan, Ruth (101)	Minn.	The Maury
*Remsberg, Laura K. (48)	D. C.	1359 Monroe Street N. E.
Rice, Elizabeth N. (31)	D. C.	4832 16th Street
Rice, Mary (0)	Md.	Germantown, Md.
Riggs, Florence M. (28)	N. Y.	308 2nd Street N. E.
Robinson, M. Edith (81)	D. C.	1415 Park Avenue
†Roebkin, Minnie Louise (0)	D. C.	5224 Illinois Avenue
Rogers, Mrs. Florence H. (94)	D. C.	1104 Euclid Street
Rogers, Rebecca M. (48)	D. C.	3546 13th Street
Rohart, Emerson (0)	Pa.	1824 H Street
Ross, Helen G. (64)	D. C.	Bellevue Magazine, D. C.
*Rowlands, Mabel (0)	Ala.	1719 13th Street
Rutter, Emma Louise (31)	N. M.	2901 16th Street
Sabella, Ricardo Hiceta (67)	P. I.	2219 I Street
St. Clair, Ruth Clara (40)	Va.	Alexandria, Va.
Sandys, Mrs. Ruth English (48)	N. Y.	507 N. Columbus Street, Alexandria, Va.
Saunders, Marian Elizabeth (32)	D. C.	900 B Street N. E.
*Seales, Elizabeth (132)	Tex.	225 G-H Bldg., Govt. Hotel
Scott, Esther W. (75)	Md.	3100 P Street
*Scott, Ethel Fay (0)	W. Va.	1710 Rhode Island Avenue
†Segelke, Carrie (52)	Nebr.	1477 Meridian Place
Shepard, Alice Lydia (30)	D. C.	1308 Kenyon Street
Sherman, Louise (95)	Va.	637 M Street N. E.
Shewmaker, Lillian Alice (12)	D. C.	500 Rhode Island Ave. N. E.
†Sibert, Irene C. (73)	Va.	1156 15th Street
Sitler, Margaret Anne (81)	D. C.	417 11th Street N. E.
Skogland, Ruth Marion (85)	Minn.	1758 Corcoran Street
Smith, Zeula Zong (30)	Cal.	2036 F Street
Sotzin, Heber Allen (79)	Pa.	East Falls Church, Va.
Souder, Laura (8)	Md.	Galithersburg, Md.
Spielman, Marian B. (96)	D. C.	10 K Street N. E.
Squire, Mrs. Minnie C. (110 1/3)	D. C.	1349 Parkwood Place
Staley, Adeline Emma (30)	D. C.	2119 F Street
Standiford, Margaret W. (0)	D. C.	1229 L Street
Steel, Mildred Estella (48)	D. C.	616 7th Street N. E.
Steele, Marguerite Louise (0)	Pa.	X-Y Bldg., Govt. Hotels
Sterling, Virginia Norris (26)	Md.	1819 G Street
*Stokes, Jean C. (52)	Md.	A-B Bldg., Govt. Hotels
Stopplet, Jean G. (16)	Ohio	1702 Kilbourne Place
Suguitan, Demetrio (36)	P. I.	1747 E Street
Sullivan, Marie Elizabeth (52)	N. Y.	21 Michigan Avenue N. E.
Swenk, Elizabeth Roberta (0)	D. C.	1330 Irving Street
Swigart, Ada King (48)	Md.	327 Essex Street, Somerset, Md.
Taliaferro, Julia Crawford (48)	Va.	Vanderwerken, Va.
Tancill, Rixey (0)	D. C.	909 Massachusetts Avenue N. E.
Taylor, Bertha E. (87)	D. C.	1654 Euclid Street
Taylor, Mary Ella (71)	D. C.	1614 1st Street
Taylor, Nell Boyd (100)	D. C.	2551 17th Street
Tennyson, James Anna (70)	D. C.	1938 Biltmore Street
Terment, Effie (0)	Md.	Galithersburg, Md.
Thompson, Mary Margaret (0)	D. C.	3155 19th Street
*Thompson, Myrtle Mae (50)	Ind.	1826 California Street
Thornhill, Annie C. (110)	Va.	3033 15th Street
Thrasher, Mrs. Annie B. (24)	D. C.	417 M Street N. E.
Traband, Juliet A. (0)	Md.	Upper Marlborough, Md.
Trent, Adelaide R. (64)	Va.	Rosslyn, Va.
*Trotter, Katherine E. (77)	D. C.	512 Rhode Island Ave. N. E.
Tuckey, Ruth E. (64)	D. C.	40 F Street



Twede, Gladys R. (102)	Md.	224 Warren Avenue. Balti- more, Md.
†Van Meter, M. Lucile (27)	Va.	Rosslyn, Va.
*Von Eft, Mildred T. (0)	D. C.	631 B Street N. E.
*Waddy, Estelle Louise (0)	D. C.	3023 O Street
Wafter, Margaret Estelle (97)	N. Y.	Kendall Green
*Walcott, Marie (97)	D. C.	410 6th Street N. E.
Walcott, Sara Helen (0)	D. C.	410 6th Street N. E.
Walker, Calpurnia (21)	Md.	Gaithersburg, Md.
*Walker, Helen Albaugh (0)	Md.	Gaithersburg, Md.
Walter, Eva May (62)	Ill.	311 C Street
Waters, Suzanne Beatrice (84)	D. C.	3009 11th Street
*Weber, Grace Rector (48)	D. C.	808 A Street S. E.
Weiss, Charlotte Elizabeth (89)	Pa.	Kendall Green
Whildin, Mabel (28)	Md.	Kendall Green
*White, Mrs. Christine B. (0)	N. D.	6200 13th Street
Whitzell, Margaret Eva (101)	D. C.	The Alabama
*Williams, Effie M. (0)	D. C.	235 7th Street N. E.
Williams, Harriet M. (79)	Pa.	2321 Ashmead Place
Williams, Mary Lillian (4)	Conn.	1703 2nd Street N. E.
Williams, Ray Arthur (30)	Iowa	611 H Street N. E.
*Williamson, Barbara L. (0)	Ind.	1208 D Street N. E.
Williamson, Ernest Russell (108)	Ore.	The Toronto
Willis, Virginia Joyce (49)	Va.	1320 15th Street N. W.
Wilson, Agnes Wallace (28)	Ind.	3213 11th Street
Wilson, Dorothy Young (48)	D. C.	1435 Girard Street
Wimer, Martha Elizabeth (73)	D. C.	1922 Belmont Road
Wolf, Hattie Mary (92)	D. C.	2333 Ashmead Place
Womersley, Grace Merrill (18)	D. C.	4122 8th Street
Wooden, Russell Ballard (53 1/3)	Ind.	914 H Street
Woodford, Beatrice K. (29)	Md.	Silver Spring, Md.
Woodward, N. Faye (0)	Kan.	1361 Fairmont Street
Yost, Myrtle Estelle (69)	D. C.	1002 Pennsylvania Ave. S. E.
*Yost, Wilkins B. (0)	Pa.	Y. M. C. A.
Young, Mrs. Evelyn Hampel (93)	S. D.	East Falls Church, Va.
Zearfoss, John Elmer (14)	Pa.	803 Allison Street

## SPECIAL STUDENTS

*Aldrich, Mrs. Bessie C.	Wis.	4901 Wisconsin Avenue
Ankers, Norveta B.	Va.	Chevy Chase, Md.
*Beall, Harry S.	Md.	Rockville, Md.
*Bell, Gretchen P.	Va.	Rockville, Md.
*Brewer, Mary McP.	Md.	Rockville, Md.
Brewer, Virginia F.	Md.	Rockville, Md.
*Brubaker, Calpurina	Md.	Rockville, Md., R. D. 2
Dobrowolski, Aurelia	La.	2807 Ontario Road
Evans, Mattie	Ind.	2153 New York Avenue
Fitzhugh, Sallie	Va.	1236 Girard Street
Gardner, Elizabeth	Md.	Laurel, Md.
Gilbert, Lee E.	Md.	Laurel, Md.
A. B., University of Mary- land		
†Goldberg, Leah	D. C.	2129 18th Street
Hazard, Henry B.	Ore.	2618 13th Street
*Healy, Elizabeth	Mich.	X-Y Bldg., Govt. Hotels
*Heintzelman, Antoinette R.	D. C.	423 K Street
*Mendry, Mary	Scotland	Govt. Hotels
Isherwood, Ida L.	Md.	Rockville, Md.
*Jessup, Maud M.	Va.	1236 11th Street
*Kingdon, Hattie C.	Md.	Rockville, Md.

†Livingston, Isabel A.	N. Y.	A-B Bldg., Govt. Hotels
McAttee, Evelyn W.	Md.	Germantown, Md.
McMillion, Hulda Frances	Calif.	E-F Bldg., Govt. Hotels
*Mangum, Susie A.	D. C.	660 K Street N. E.
Parker, Ruth B.	D. C.	1319 Shepherd Street
Reeves, Ruth E.	Va.	Falls Church, Va.
A. B., George Washington University		
Reynolds, Louise C.	Va.	Rockville, Md.
Rice, Elberta T.	Md.	Rockville, Md.
Richardson, Frank W.	D. C.	613 12th Street N. E.
Roat, Anna Louise	N. Y.	1115 N. Capitol Street
A. B., George Washington University		
Ryan, Mrs. Amanda	D. C.	C-D Bldg., Govt. Hotels
*Safford, Howard P.	D. C.	4309 Kansas Avenue
E. E., George Washington University		
St. John, Grace Z.	D. C.	1800 K Street
Sams, Mrs. M. M.	Va.	The Toronto
*Scott, Walter C.	D. C.	906 B Street S. E.
Smith, William P.	D. C.	1340 F Street N. E.
Sullivan, Mary E.	Iowa	1215 K Street
Taylor, Georgia Mae	Tenn.	Rockville, Md.
Toner, Caroline E.	D. C.	1814 Ingleside Terrace
Troxell, Thomas W.	Md.	Gaithersburg, Md.
Wagoner, Ada Louise	W. Va.	L-M Bldg., Govt. Hotels
Walters, Julia A. M.	Md.	Rockville, Md.
Warneke, Cornelia A.	Ill.	2120 G Street
*Watt, Mrs. Florence B.	Col.	1512 9th Street
White, James W.	Md.	Germantown, Md.
†Willis, Mrs. Mary M.	Ind.	909 Maryland Avenue N. E.
*Young, Mrs. Irene O.	D. C.	2210 Pennsylvania Avenue

## SUMMER SCHOOL, 1921

Abel, Mary E.	Ames, Herman
Illinois	New Hampshire
Abramson, Herbert	Anda, Magnus
District of Columbia	California
Aiken, Carolyn	Anderson, Lillie
Tennessee	North Dakota
Aiken, Miss Sam	Anderson, Theodore C.
Tennessee	Virginia
Agniel, Rosamund	Anderson, Thomas M.
Maryland	Maryland
Albert, Frank M.	Apachi, Chuichi
New Jersey	Japan
Alderson, Maude Lewis	§Arls, Jacob
Indiana	Massachusetts
§Alexander, Maxie M.	Aurynger, John J.
North Carolina	New York
Alexander, Susan	Ayres, Hersie P.
Illinois	Virginia
Allard, William C., Jr.	
Maryland	Babeock, Earl
Alsen, Myrtle F. C.	Nebraska
Minnesota	Babeock, William S.
Alsup, Nellie	District of Columbia
Texas	§Bacheller, Alice
Altrup, F. W.	Massachusetts
Virginia	Bailey, Emmett C.
Aman, John A.	Wisconsin
A. B., George Washington University	Bailey, Vera
Maryland	District of Columbia



- Baker, Julia C.  
     South Carolina  
 Ballah, Cleva  
     District of Columbia  
 Barker, George A.  
     New York  
 Barnes, Laurence A.  
     New Jersey  
 Barr, James R.  
     District of Columbia  
 Bartlett, Helen R.  
     A. B., Western Maryland  
     College  
     Maryland  
 Bassler, William S.  
     District of Columbia  
 Bau, Miss Vong May  
     China  
 Bayly, Margaret  
     District of Columbia  
 Beach, Jessie  
     Texas  
 Beadle, Mary A.  
     Montana  
 Beall, Isaac N.  
     District of Columbia  
 §Beaulac, Madeleine  
     District of Columbia  
 Becker, F. E.  
     Indiana  
 Beckett, Edgar W.  
     District of Columbia  
 Behne, Joseph C.  
     Oklahoma  
 Beller, Elizabeth C.  
     A. B., George Washington  
     University, 1917  
     District of Columbia  
 Benner, Harry L.  
     District of Columbia  
 Benson, Russell B.  
     Wisconsin  
 Bergin, May C.  
     District of Columbia  
 Berke, Ray  
     Minnesota  
 Berliner, Julius F.  
     District of Columbia  
 Bertelson, Wesley  
     North Dakota  
 Best, Robert  
     Colorado  
 Biclous, Sara  
     Russia  
 Bier, Robert A.  
     A. B., University of Maryland  
     District of Columbia  
 Bisselle, Huldert L.  
     Maryland  
 Black, Owen  
     Oklahoma  
 Blanchard, Mrs. Frances A.  
     New Hampshire  
 Blank, Samuel H.  
     New Jersey  
 Blanton, John M.  
     Texas  
 Bleiker, Ross F.  
     Missouri  
 Blinston, Chester A.  
     District of Columbia  
 Blum, Jeannette  
     District of Columbia
- Boggess, Ruth  
     West Virginia  
 §Bogorad, Nina  
     District of Columbia  
 Boltz, Nell C.  
     Pennsylvania  
 Bond, S. Hazen  
     Illinois  
 Bonner, Harrie R.  
     West Virginia  
 Booth, Nina M.  
     New York  
 Booth, Rebecca A., Mrs.  
     District of Columbia  
 Borden, Hazel A.  
     Massachusetts  
 Borgstadt, Mrs. Effie  
     Missouri  
 Borgstadt, Harry  
     A. B., Missouri University  
     Missouri  
 Bough, Alice K.  
     New York  
 Bounds, Herman J.  
     Maryland  
 Bowen, George L.  
     Kansas  
 Box, Mary  
     Texas  
 Boyce, Fannie  
     District of Columbia  
 Boyd, Helen  
     New Jersey  
 Boyd, James I.  
     District of Columbia  
 Bradley, Mary M.  
     Georgia  
 Bradshaw, Max  
     Virginia  
 Breslin, Catherine  
     Pennsylvania  
 Brethorst, Lydia  
     Washington  
 Breuninger, Miss Robin  
     District of Columbia  
 Briggs, Helen N.  
     District of Columbia  
 §Brigham, Dr. Gertrude R.  
     District of Columbia  
 §Britain, Mrs. Cora L.  
     Louisiana  
 Brocks, George S., Jr.  
     District of Columbia  
 Brodherson, Julia  
     New York  
 Brookley, Lora A.  
     Ohio  
 Broome, Edwin W.  
     Maryland  
 Brotman, Irving  
     District of Columbia  
 Brotman, Melvin  
     District of Columbia  
 Brown, Erma  
     Missouri  
 Brown, Georgia M.  
     Minnesota  
 §Brown, James J.  
     District of Columbia  
 Brown, Lucile  
     Maryland  
 Brown, Mabel A.  
     Illinois

- Brown, Mary C.  
     District of Columbia  
 Brown, Ruth  
     Tennessee  
 §Bryson, Warren W.  
     Pennsylvania  
 Buchanan, James A.  
     Michigan  
 Buckingham, Charles T.  
     Pennsylvania  
 Buckley, J. Raymond  
     District of Columbia  
 Bunch, Mrs. Mary  
     West Virginia  
 Burdick, B. F.  
     Alabama  
 Burgess, Sabra  
     Indiana  
 Burgin, Walter  
     Vermont  
 Burlingame, Annie E.  
     District of Columbia  
 Burns, Mrs. Beulah  
     California  
 Burns, Rea C.  
     A. B., Cedarville College  
     Ohio  
 Burnside, D. D.  
     District of Columbia  
 Burritt, Loren  
     B. S., Maryland State College  
     District of Columbia  
 Bushong, Levi D.  
     Virginia  
 Butkiewicz, Eugenia  
     Illinois  
 Butler, Howard D.  
     Virginia  
 Butler, Mary J.  
     New York  
 Buzbee, Joshua A.  
     Alabama  
 Byers, Miss Kansas  
     North Carolina  
 §Cajigas, Adeline  
     Porto Rico  
 Caldwell, Millard  
     Virginia  
 Calhoun, Edward J.  
     District of Columbia  
 Cantrell, Mrs. Cecil H.  
     Texas  
 Cantrell, William Clyde  
     Texas  
 Carle, Herbert M.  
     Ohio  
 Carr, Elma B.  
     M. A., 1920, George Washington  
     University  
     Kentucky  
 Carr, Margaret J.  
     Maryland  
 §Carter, Elmer J.  
     Maryland  
 Carter, Robert C.  
     Maryland  
 Cavin, Emma  
     Alabama  
 Cerceo, Alfred  
     New York  
 Cerceo, A. V.  
     District of Columbia  
 Challice, Clara E.  
     District of Columbia  
 Chan, J. H.  
     China  
 Chaney, A. L.  
     District of Columbia  
 Chaney, Mrs. B. Shanks  
     A. B., Union College  
     Maryland  
 Chapman, Katharine  
     Maryland  
 Chatelain, Leon  
     District of Columbia  
 Chatfield, Helen L.  
     New York  
 Cheek, William F.  
     North Carolina  
 Chickering, Elizabeth E.  
     New Hampshire  
 §Chiple, Anna E.  
     District of Columbia  
 Churchman, H. Clarence  
     LL. B., Georgetown University  
     Iowa  
 Cline, Robert C.  
     Virginia  
 Coe, Bryan  
     Maryland  
 Coelho, Guillermo  
     Argentine  
 §Coghlan, T. F.  
     District of Columbia  
 Cogswell, Eunice M.  
     Pennsylvania  
 Coleman, Charles H.  
     District of Columbia  
 Colfesh, Robert  
     Iowa  
 Colvin, H. Lynn  
     District of Columbia  
 Conn, Edward L.  
     North Carolina  
 Conner, J. Paul  
     Indiana  
 Connick, Mildred  
     District of Columbia  
 Connolly, John A.  
     Massachusetts  
 Courtney, Francis X.  
     New York  
 Cook, Hildreth  
     Georgia  
 Cook, J. Williamson  
     District of Columbia  
 Cooper, Agnes E.  
     Kentucky  
 Cooperman, Harriet  
     Iowa  
 Corey, George H.  
     Pennsylvania  
 Corey, Wilbur L.  
     New York  
 Corkham, Cecil S.  
     A. B., Pacific Union College  
     District of Columbia  
 Cotton, Robert B.  
     Mississippi  
 Cousins, Christopher  
     District of Columbia  
 Couture, Mildred L.  
     New Hampshire  
 Cowen, Roberta  
     Pennsylvania



Cowgill, Paul  
Illinois  
§Cowling, Harriet M.  
Illinois  
Cox, Carrie  
West Virginia  
Creswell, G. William  
Maryland  
Criswell, Howard  
District of Columbia  
Crocker, Arthur W.  
Virginia  
Crockett, Bessie Lee  
District of Columbia  
Crofton, George H.  
Massachusetts  
Cronie, John L.  
District of Columbia  
Crosby, Pearl  
LL. B., George Washington  
University  
New Jersey  
Cullen, Ruth W.  
Illinois  
Cunningham, Frederick B.  
Virginia  
Curtiss, Juliet  
District of Columbia  
Dammeyer, Marion A.  
District of Columbia  
Daniel, Irene  
A. B., George Washington  
University  
District of Columbia  
§Dantsig, Louis  
District of Columbia  
Darby, Roy T.  
Iowa  
Davidson, Anita  
Colorado  
Davidson, James F.  
New York  
Davidson, Lessye  
Tennessee  
Davidson, Winifred  
Tennessee  
Davis, Channing O.  
District of Columbia  
Davis, Frances Geschickter  
District of Columbia  
Davis, Ruth E.  
District of Columbia  
§Dawson, John B.  
Ohio  
Dean, Walva A.  
Oregon  
Dean, Benjamin F., Jr.  
District of Columbia  
Dearing, Florence B.  
New Jersey  
Deason, Mrs. Emma J.  
Texas  
Delawder, John L.  
District of Columbia  
Denison, A. Robert  
District of Columbia  
De Voe, Winifred  
Georgia  
Dillard, Elizabeth  
Alabama  
Dixon, Harry B.  
Pennsylvania

Dixon, L. Earl  
New York  
Dobkin, William W.  
District of Columbia  
Dodd, Elizabeth  
District of Columbia  
Dodd, Mary H.  
District of Columbia  
§Dodek, S. M.  
District of Columbia  
Dollarhide, Daniel A.  
Arkansas  
Donahue, Mary H.  
District of Columbia  
Donaldson, Agnes  
Virginia  
Donaldson, Claude C.  
Texas  
Dondero, Albert H.  
Michigan  
Don Leavy, Mary A.  
Vermont  
Donnelly, Horace J., Jr.  
District of Columbia  
Donovan, Mrs. Katherine  
Washington  
Doran, Sarah L.  
New York  
§Dorsey, James A.  
Virginia  
§Douglass, Eugene D.  
Texas  
Dow, Edward P.  
North Dakota  
Dowd, Cecil J.  
District of Columbia  
Downey, Jane  
District of Columbia  
Drene, Estella C.  
District of Columbia  
Drown, Marion J. H.  
District of Columbia  
Dubina, Julius  
New York  
Du Bose, Camille  
District of Columbia  
Dungan, Anne  
Virginia  
Dyer, Charles F.  
District of Columbia  
Earl, Clarence E.  
Colorado  
Eastlack, Mrs. Lola F.  
Iowa  
Edwards, John E.  
District of Columbia  
Egli, Edwin B.  
Iowa  
Ehrhart, Mabel B.  
Virginia  
§Eliason, Mary E.  
Massachusetts  
§Elliott, John  
New Jersey  
Ely, Mrs. Edith W.  
District of Columbia  
Escher, Julia M.  
Minnesota  
Everett, Charlotte C.  
District of Columbia  
Ewell, Agnes C.  
Minnesota

- Faries, John S.  
   Nebraska  
 Farnum, E. Jean  
   Illinois  
 Farrar, Frederick  
   North Carolina  
 Faust, Eleanor  
   Pennsylvania  
 Fenton, Anna B.  
   Massachusetts  
 Ficklin, Kroes  
   A. B. George Washington  
   University  
   Virginia  
 §Fillius, Maurice W.  
   District of Columbia  
 Fisher, Henry P.  
   District of Columbia  
 Fisher, Margaret  
   Iowa  
 Fisher, O. Edward  
   Michigan  
 Flancke, Frances G.  
   New Jersey  
 Flack, Herron T.  
   Kansas  
 Flavin, Edward J.  
   Massachusetts  
 Flisher, Leonora V.  
   New York  
 Folse, Lenard R.  
   Louisiana  
 Foreman, Genevieve  
   Illinois  
 Frank, William  
   New York  
 Fred, Rogers M.  
   District of Columbia  
 Free, Walter H.  
   Iowa  
 Freeman, Dorothy  
   Illinois  
 Freudenreich, Elizabeth  
   Indiana  
 Fuller, Gladys  
   Georgia  
  
 Gant, J. C.  
   Maryland  
 Gapuz, Bernardo  
   Philippine Islands  
 Gardner, Allen H.  
   Pennsylvania  
 Gardner, Helen M.  
   Pennsylvania  
 §Gardner, Z. C.  
   B. S., North Carolina State  
   College  
   North Carolina  
 Garey, Mary M.  
   Maryland  
 Garrels, Harriett E.  
   District of Columbia  
 Gates, Mrs. Isabel L.  
   Nevada  
 Gebhart, Arthur I.  
   Pennsylvania  
 Geier, Fred  
   District of Columbia  
 Geisler, Wm. H.  
   California  
 Geschickter, Charles  
   District of Columbia  
  
 Gillespie, Rees A.  
   Missouri  
 Gingrich, Elizabeth B.  
   Pennsylvania  
 §Gittleman, David  
   New York  
 Glass, John D.  
   Kansas  
 Glover, Clarence K.  
   West Virginia  
 Glover, Odessa V.  
   Indiana  
 Glycofrides, Eustace  
   District of Columbia  
 Goddard, Eunice F.  
   Maine  
 Goldstein, Joe  
   District of Columbia  
 §Gordon, D. M.  
   Arkansas  
 Graham, George E.  
   District of Columbia  
 Graham, Robert E.  
   Virginia  
 Grass, Edward J.  
   District of Columbia  
 Gravatt, Frances  
   Virginia  
 §Gray, Joseph E.  
   District of Columbia  
 Gray, Ulysses  
   Alabama  
 §Greeley, Arthur E.  
   District of Columbia  
 Greenawalt, Lambert  
   Pennsylvania  
 Greene, Aldie R.  
   Michigan  
 Greene, William M.  
   Virginia  
 Greenlee, Zoda V.  
   Ohio  
 Gress, Howard D.  
   Pennsylvania  
 Grimm, Freda  
   New York  
 §Grogan, Samuel S.  
   District of Columbia  
 Guanella, Frances M.  
   Iowa  
 Guilford, Annie  
   Maryland  
 Gunther, Maude C.  
   Virginia  
 Gustin, Robert D.  
   District of Columbia  
  
 Hadlock, Vera M.  
   Massachusetts  
 Hagan, J. Foster  
   Virginia  
 Haines, Mary S.  
   Missouri  
 §Hall, Elmer A.  
   Florida  
 Halloran, Edward R.  
   Maryland  
 Hamilton, Bonifant  
   B. S. and M. S., George  
   Washington University  
   District of Columbia  
 Hamilton, Margaret  
   Missouri



- Hamilton, James M.  
   Nevada  
 Hammond, L. Mead  
   Maryland  
 Harbaugh, Yost D.  
   District of Columbia  
 §Herrington, Margaret C.  
   District of Columbia  
 Harris, Samuel R.  
   Pennsylvania  
 Harrison, Arthur P.  
   Maryland  
 Harroun, Lucile  
   Connecticut  
 Hart, Grace B.  
   Massachusetts  
 Hart, Sara T.  
   District of Columbia  
 Hartman, Arthur  
   District of Columbia  
 Hartshorn, Theodore D.  
   Maryland  
 §Hartung, Frederick A.  
   Minnesota  
 Haslup, Alice E.  
   A. B., George Washington  
   University  
   Maryland  
 Haverstock, George M.  
   Pennsylvania  
 Hauke, Edna E.  
   District of Columbia  
 Hawkins, Walter  
   Connecticut  
 Haworth, Ellis  
   District of Columbia  
 Hay, Mary M.  
   District of Columbia  
 Haydis, H.  
   California  
 Hayes, Jennie V.  
   Pennsylvania  
 Haynes, John L.  
   District of Columbia  
 Hays, Cathryn  
   District of Columbia  
 Hays, Elizabeth F.  
   West Virginia  
 Hazell, Joseph W.  
   District of Columbia  
 Heal, Bernice I.  
   Indiana  
 Heal, Delight  
   Indiana  
 Hebbard, Nell  
   A. B., 1912, University of  
   Wisconsin  
   Wisconsin  
 Heckert, George T.  
   West Virginia  
 Heid, John L.  
   Illinois  
 Heller, John G.  
   Virginia  
 Heller, William L.  
   Virginia  
 Henderson, Edward P.  
   Ohio  
 Henkin, Benjamin  
   District of Columbia  
 Hennings, Charles  
   New York  
 Henrickson, Henry B.  
   Rhode Island  
 Hensel, Minnie V.  
   Ohio  
 Hepburn, Matthew  
   District of Columbia  
 Herbst, Mildred L.  
   District of Columbia  
 Herrick, Mary E.  
   District of Columbia  
 Hessler, Agnes B.  
   District of Columbia  
 Heyl, Lucy K.  
   New York  
 Hickman, Clara  
   District of Columbia  
 Hickox, Ralph  
   Mississippi  
 Higgins, Arthur L.  
   District of Columbia  
 Hill, Alice F.  
   District of Columbia  
 Hill, Hugh P., Jr.  
   District of Columbia  
 Hillig, Fred H.  
   Illinois  
 §Hillman, Earl S.  
   District of Columbia  
 Hobgood, Katherine W.  
   Louisiana  
 Hobson, Mrs. Gladys  
   Alabama  
 Hobson, John R.  
   Maryland  
 Hogan, Florence G.  
   District of Columbia  
 Holden, Rosa  
   Alabama  
 Holley, Bernice M.  
   Kentucky  
 Homan, Lester S.  
   Ohio  
 Hooks, Lillian  
   North Carolina  
 Hooper, Caroline A.  
   Alabama  
 Howard, Mrs. Ella  
   Massachusetts  
 Howard, F. K.  
   Virginia  
 Howard, R. C.  
   Mississippi  
 §Howells, Russell  
   Ohio  
 Hsu, Mour  
   China  
 Hudmon, William Elliot  
   District of Columbia  
 Hughes, Charles W.  
   Maryland  
 Hughes, Fannie  
   West Virginia  
 Hughes, Frederick H.  
   Pennsylvania  
 Humphrey, Omar C.  
   Minnesota  
 Hunt, Ada M.  
   District of Columbia  
 Hunt, Lucy J.  
   District of Columbia  
 §Hupp, Ethel  
   West Virginia

- Hury, Samuel R.  
Illinois  
Hyslop, Clarence M.  
Nebraska
- Ireman, Dessie  
Michigan
- §Jacobs, Charlotte R.  
District of Columbia  
James, Henry H.  
Georgia  
Jansen, Russell J.  
Minnesota  
Jewett, Elizabeth  
New York  
§Johnson, Alleen E.  
New York  
Johnson, Dunbar H.  
District of Columbia  
Johnson, Edward H.  
Texas  
Johnson, Elsie E.  
New York  
Johnson, Emily W.  
Virginia  
Johnson, Ethel M.  
Ohio  
Johnson, Frances I.  
Tennessee  
Johnson, Mrs. Grace D.  
B. S., New York University  
Ohio  
Johnson, Lester W.  
Illinois  
Johnson, Margaret  
District of Columbia  
Johnson, Marion J. J.  
New York  
Johnston, Kenneth K.  
Nebraska  
Johnston, Oliver  
Ireland  
Jones, Ellsworth D.  
Virginia  
Jones, Mrs. Evelyn E.  
Virginia  
Jones, F. M.  
Kansas  
Judd, Eleanor C.  
Indiana
- Kallock, Eleanor  
Minnesota  
Kampe, Albert H.  
Michigan  
Kane, Anthony J.  
Pennsylvania  
Kane, Al J.  
Pennsylvania  
§Katopothis, Steven E.  
District of Columbia  
Katz, Leon  
District of Columbia  
Keehan, John  
Connecticut  
Keene, Henry C.  
California  
§Keesecher, Ward W.  
West Virginia  
Keil, Lewis E.  
Texas
- §Keister, Melvin P.  
Pennsylvania  
Kelton, Adelaide  
District of Columbia  
Kennedy, Mary E.  
Pennsylvania  
Ketwer, Fred Y.  
North Carolina  
§Kincaid, C. B.  
District of Columbia  
Kincannon, Linda Jane  
A. B., Mississippi State Col-  
lege for Women  
Mississippi  
§King, Ivan R.  
Illinois  
Kingsbury, Dorothy E.  
Michigan  
Kinsella, William J.  
District of Columbia  
Kinyoun, Conrad  
Missouri  
Kirby, Walter  
Ohio  
Kitchin, Ione  
North Carolina  
Knisely, Edna  
Indiana  
Krause, Edward A.  
Kansas  
Kupjian, Helg  
A. B., Washington Missionary  
College  
New York  
Kutz, Miriam L.  
Indiana
- Lampert, Fred W.  
Washington  
Lamson, Elizabeth H.  
District of Columbia  
Lang, Richard J.  
New York  
Langrall, Nellie G.  
Maryland  
§Larrain, Abel R.  
Peru  
Lattman, Isador  
New York  
Lattman, Morris  
New York  
Lavery, Thomas C.  
Maryland  
Lawrence, Walter B.  
Texas  
Lee, Lona  
Iowa  
Lee, Mary E.  
A. B., Ouachita College  
Arkansas  
Lee, William J.  
Korea  
Leedy, Nellie G.  
Missouri  
Leese, Loraine  
District of Columbia  
Lehman, Percy B.  
Maryland  
Levin, Beatrice H.  
District of Columbia  
Lewia, Dorothy M.  
Virginia



Lewis, Robert S.  
 District of Columbia  
 Lewis, Stuart  
 Illinois  
 Li, K. Z.  
 China  
 Limper, Ernest A.  
 Indiana  
 Lindow, Oscar  
 A. B., George Washington  
 University  
 Wisconsin  
 Lindsey, Irving  
 Virginia  
 Linthicum, William A.  
 Maryland  
 Lipsitch, Myer S.  
 Massachusetts  
 Liske, Claire C.  
 Wisconsin  
 Lista, Louis J.  
 West Virginia  
 Little, Donald  
 Kansas  
 Lockwood, Verne  
 Washington  
 Loeffler, Hyman  
 Virginia  
 Lohman, Pauline  
 District of Columbia  
 Loman, Mary E.  
 Maryland  
 Loman, William M.  
 Maryland  
 Long, W. Rodney  
 Massachusetts  
 Loo Shu Shung, Francis  
 China  
 Lord, Isaac Q.  
 District of Columbia  
 Loux, Lloyd F.  
 Pennsylvania  
 Lowry, Gilbert S.  
 District of Columbia  
 Luber, Samuel  
 District of Columbia  
 Ludlow, Margie  
 District of Columbia  
 Lutz, Charles  
 Illinois  
 Lutz, E. Russell  
 District of Columbia  
 Lynn, Wallace P.  
 District of Columbia  
 McCann, Leo P.  
 District of Columbia  
 McCarten, Katherine  
 Iowa  
 McCarthy, William A.  
 Virginia  
 McCauley, Katherine  
 District of Columbia  
 McClelland, Vesta G.  
 Illinois  
 McClurg, Alice  
 Indiana  
 McClure, Dora  
 Pennsylvania  
 McConkie, M. Lucile  
 B. S., Coe College  
 Iowa

McCoy, Harold D.  
 Wisconsin  
 McCoy, Horace B.  
 Indiana  
 McCoy, John S.  
 District of Columbia  
 McCullough, Gladys E.  
 Pennsylvania  
 McDonald, Joseph R.  
 Massachusetts  
 McDowell, N. Louise  
 District of Columbia  
 McFadden, Marion  
 Ohio  
 McGrath, Robert  
 Illinois  
 McIntyre, Joseph D.  
 District of Columbia  
 McIntyre, Malcolm  
 Maine  
 McKay, Elmer C.  
 District of Columbia  
 McKinney, George, Jr.  
 Oklahoma  
 McLeod, Mrs. Bathsheba M.  
 North Dakota  
 McManus, Mary  
 Pennsylvania  
 MacDougle, Vincent  
 District of Columbia  
 McMurray, Johnson  
 Kentucky  
 McNeely, John Joseph  
 District of Columbia  
 McNeill, Robert H.  
 District of Columbia  
 Macmillan, Clifford J.  
 LL. B., University of Southern  
 California: LL. M., George  
 Washington University  
 California  
 Magruder, Mary  
 Maryland  
 Mague, Roscoe E.  
 Massachusetts  
 Magner, Rose Z.  
 New York  
 Mahoney, Julia D.  
 District of Columbia  
 Majeska, Blanche J.  
 New York  
 Mallard, Evelyn H.  
 Georgia  
 Manning, Lee C.  
 Maryland  
 Marland, Milton L.  
 District of Columbia  
 Marlowe, Mabel  
 Oklahoma  
 Maroney, Winifred  
 Pennsylvania  
 Marshall, Murray L.  
 Maine  
 Marshino, Ora  
 Kentucky  
 Martin, Agnes  
 Missouri  
 Mason, Beatrice  
 District of Columbia  
 Mason, John Russell  
 District of Columbia  
 Matejka, Mrs. Vladimir  
 Czechoslovakia

- Mathews, Alma L.  
Pennsylvania
- Mattison, Dorothy  
Vermont
- Maxson, Evelyn J.  
District of Columbia
- Maxwell, John E.  
Alabama
- Mayer, Joseph A.  
Pennsylvania
- Medley, Grace H. E.  
Maryland
- Meek, Betty  
Indiana
- Mehring, Arnon L.  
Pennsylvania
- Menaugh, Cora J.  
District of Columbia
- Mendelson, Israel  
District of Columbia
- Menzel, Theophil  
District of Columbia
- Merrill, Lottie  
New York
- Merriman, Ervin E.  
Indiana
- Merrie, Donald E.  
Pennsylvania
- Middlebrooke, Cecilia A.  
Texas
- Miller, Carrie M.  
Missouri
- Miller, Elvan A.  
Pennsylvania
- Miller, Marion S.  
A. B., University of North  
Carolina  
North Carolina
- Moakley, Charlotte  
New York
- Moeller, Otto  
New York
- Monred, Miss Ravenell  
Maryland
- Montague, L. Gordon  
Wisconsin
- Moore, Frank D.  
A. M., George Washington  
University, 1918  
Kentucky
- Morawski, Arthur L.  
Massachusetts
- Morishima, Morito  
Japan
- Mosely, Elizabeth L.  
Texas
- Moskey, Frank R.  
District of Columbia
- Moulton, Edward B.  
Illinois
- Moulton, Parthia  
Maryland
- Moxness, Bennie A.  
North Dakota
- Murdaugh, J. E. Dandridge  
A. B., University of Virginia  
Maryland
- Murphy, Margie  
Kansas
- Murray, J. Mildred  
West Virginia
- Murray, Raymond W.  
District of Columbia
- Murrill, Minnie D.  
Virginia
- Mussman, M. A.  
Pennsylvania
- Myers, William C.  
A. B., Grove City College  
Maryland
- Nathanson, Esther A.  
Virginia
- Naylor, E. E.  
A. B., George Washington  
University  
Missouri
- Neacey, William  
District of Columbia
- Neill, William L., Jr.  
Texas
- Nelson, Agnes  
A. B., George Washington  
University  
North Dakota
- Nelson, Clarissa A.  
North Dakota
- Neviaser, Arnold H.  
District of Columbia
- Neviaser, Julius  
District of Columbia
- Newcomer, Harry E.  
District of Columbia
- Newell, Alphonso M.  
District of Columbia
- Newell, Roger S.  
District of Columbia
- Nicholls, Virginia  
District of Columbia
- Nichols, Stanley W.  
Illinois
- Nicholson, Margaret M.  
Virginia
- Nielsen, J. N.  
Illinois
- Nimentz, Aaron  
District of Columbia
- Nolan, James F.  
New Jersey
- Norris, Bertha C.  
New York
- Norton, Frances  
New York
- Norwood, David J.  
District of Columbia
- O'Dea Marie  
Maryland
- O'Flaherty, Daniel  
Virginia
- Oldham, E. Grace  
Florida
- Ortega, Julian  
Philippine Islands
- Orynski, Wanda  
Texas
- Ottman, Millard F.  
District of Columbia
- Overstreet, Walter E.  
South Carolina
- Owens, Byron  
Pennsylvania
- Palmer, J. Joseph W.  
District of Columbia



- Palmer, Mrs. Minette D.  
     West Virginia  
 Palomar, Gaudioso P.  
     Philippine Islands  
 Parke, Grace B.  
     Illinois  
 Parker, Evelyn  
     Vermont  
 Parker, Mrs. Ruth B.  
     District of Columbia  
 Parvis, Bertha  
     Indiana  
 Patterson, Homer L.  
     Georgia  
 Patton, Gordon S.  
     Mississippi  
 §Payne, Howard S.  
     Virginia  
 Pearson, Essie Lee  
     District of Columbia  
 Pedigo, Florence  
     Virginia  
 Peele, Manly  
     Virginia  
 Pepper, Thomas D.  
     District of Columbia  
 §Pepperman, Harriett J.  
     Michigan  
 Perkins, Helen F.  
     District of Columbia  
 Perrin, Harry W.  
     A. B., Berrien Springs College  
     A. M.  
     Michigan  
 Peterson, Emmett J.  
     California  
 Peterson, Robert K.  
     Virginia  
 Peterson, William W.  
     A. B., George Washington  
     University  
     Iowa  
 Pevay, Carrie  
     Mississippi  
 Phelps, Mrs. Anna W.  
     District of Columbia  
 Phelps, Harold A.  
     A. B., Brown University  
     Massachusetts  
 Phillips, Arletta  
     District of Columbia  
 §Phillips, John W.  
     North Carolina  
 Phillips, Joseph J.  
     District of Columbia  
 Pim, James H.  
     Colorado  
 Pittman, Estelle M.  
     Ohio  
 Plotnick, Barney  
     Virginia  
 Porter, Bessie J.  
     Nebraska  
 Porter, Etta C.  
     New York  
 Poultney, Mrs. Louise S.  
     Massachusetts  
 Powers, Robert S.  
     New York  
 Poynton, Edward A.  
     District of Columbia  
 §Price, Chester F.  
     Alabama  
 §Price, Hazel L.  
     Maryland  
 Price, Mary E.  
     Illinois  
 §Price, Virginia W.  
     District of Columbia  
 §Prince, Acel E.  
     Idaho  
 §Proctor, Frank B.  
     District of Columbia  
 Pumphrey, Nellie L.  
     Maryland  
 Purnell, Bess  
     Kentucky  
 Purae, Mrs. Grace G.  
     Oregon  
 Putnam, Amy D.  
     New Jersey  
 §Pyle, Harley  
     West Virginia  
 Quayle, Edgar E.  
     Ohio  
 Quigley, George W.  
     Pennsylvania  
 Quinlan, Joseph  
     A. B., George Washington  
     University  
     Massachusetts  
 Quinn, David L.  
     Maryland  
 Quinn, Edward F.  
     New York  
 Ramsey, Margaret C.  
     District of Columbia  
 Ramsey, Osaman  
     District of Columbia  
 Randolph, Stella  
     Illinois  
 Ranker, Gertrude A.  
     Ohio  
 Ray, Hartzell H.  
     Kansas  
 §Rea, Courts D.  
     District of Columbia  
 Reams, Paul E.  
     Louisiana  
 Redinger, Carl C.  
     West Virginia  
 Reed, Paul C.  
     Louisiana  
 Reese, W. E.  
     Louisiana  
 Reeve, Laura W.  
     District of Columbia  
 Regan, Agnes E.  
     New York  
 Regan, Ruth  
     District of Columbia  
 Regan, Thomas  
     Pennsylvania  
 Reilly, Mary  
     Wisconsin  
 Rench, Robert B.  
     District of Columbia  
 Renshaw, Anne T.  
     District of Columbia  
 Renz, Millard F.  
     Pennsylvania  
 Rhame, Harold E.  
     District of Columbia

- Rice, Rudolph J.  
     Pennsylvania  
 Richards, Helen  
     District of Columbia  
 Richmond, Dorothy  
     Illinois  
 Rippey, Charles W.  
     Maryland  
 Riwehun, Meyer H.  
     New York  
 Ront, Anna L.  
     New York  
 Robb, Seymour  
     District of Columbia  
 Robertson, Carrie E.  
     Missouri  
 Rogers, S. L., Jr.  
     North Carolina  
 Rommel, George F.  
     District of Columbia  
 Rorer, Julia H.  
     Texas  
 Rose, Leonard J.  
     District of Columbia  
 §Rosenfeld, Ruth  
     District of Columbia  
 Rosett, Olga  
     Maryland  
 Rosett, Walter  
     Maryland  
 Rose, Helen M.  
     M. A., George Washington  
     University  
     Illinois  
 Ross, Cecil L.  
     M. A., George Washington  
     University  
     West Virginia  
 Ross, Frances P.  
     Virginia  
 Rotzler, William M.  
     Utah  
 Roush, Allan D.  
     Ohio  
 Rubina, Anthony P.  
     New York  
 Rue, Harold P.  
     Pennsylvania  
 Russell, Paul R.  
     District of Columbia  
 Rutter, Emma L.  
     Kentucky  
 Ryan, James  
     California  
 Ryan, Mark J.  
     New York  
  
 Sabella, Ricardo H.  
     Philippine Islands  
 Samson, Alfredo  
     Philippine Islands  
 Sanborn, Norris H.  
     District of Columbia  
 Sancomb, Perley  
     New York  
 Sandler, Isadore  
     District of Columbia  
 §Sargent, Julia  
     District of Columbia  
 Sasman, Cora E.  
     Wisconsin  
 Sawyer, Vera C.  
     New York  
  
 Sawyer, Verdon A.  
     New York  
 Schaaf, Charles  
     Rhode Island  
 Schaaff, Mary A.  
     District of Columbia  
 Schafer, Frederick  
     District of Columbia  
 §Schlesinger, Irwin I.  
     Iowa  
 Schmidt, Harvey W.  
     Texas  
 Schoffstall, Charles W.  
     Pennsylvania  
 Schmucker, Jennie M.  
     Ohio  
 Schuster, Marjorie L.  
     Virginia  
 Scott, Walter C., Jr.  
     District of Columbia  
 Seagquist, Edgar O.  
     Alabama  
 Seckinger, Charles R.  
     District of Columbia  
 Slevey, William H.  
     West Virginia  
 Shanaphy, John L. A.  
     New Jersey  
 Shaw, Helen  
     North Carolina  
 Shaw, Howard K.  
     New Jersey  
 §Shea, E. C.  
     South Dakota  
 Sheads, Mary E.  
     District of Columbia  
 Sherman, Louise  
     Virginia  
 Shotwell, C. Lee  
     Virginia  
 Shoultes, Marvin A.  
     Pennsylvania  
 Shreve, Richard S.  
     Virginia  
 Shugrue, Fenwick  
     District of Columbia  
 Sillers, Frederick, Jr.  
     District of Columbia  
 Silva, Pablo M.  
     Philippine Islands  
 Simpson, Grace E.  
     Massachusetts  
 Simpson, Mary  
     M. A., George Washington  
     University  
     Virginia  
 Sitler, Jeanette  
     District of Columbia  
 §Sloan, Nathaniel C.  
     District of Columbia  
 Sloane, Mrs. Anna B.  
     District of Columbia  
 Sloane, Roy H.  
     District of Columbia  
 Smith, Ardis A.  
     Iowa  
 Smith, Audley L.  
     Iowa  
 Smith, Benjamin H.  
     Indiana  
 Smith, Earl  
     Virginia



- Smith, Edward  
     New York  
 Smith, Edna  
     Michigan  
 Smith, Florence  
     Virginia  
 Smith, Marcus  
     District of Columbia  
 Smith, Stewart Hugh  
     District of Columbia  
 Smith, Zeula Z.  
     California  
 Smithwick, William U.  
     Florida  
 Smyth, Walter W.  
     Connecticut  
 Soars, F. Leota  
     Pennsylvania  
 Solbrig, Alfred W.  
     Iowa  
 Somers, Lee  
     A. B., Harvard University  
     Massachusetts  
 Sonder, Laura  
     Maryland  
 Sonntag, Harcourt C.  
     Virginia  
 Spear, Albert A.  
     District of Columbia  
 Speer, Ray  
     Kansas  
 Sperry, Albert  
     Florida  
 Spielman, Paul  
     District of Columbia  
 Spoerri, J. Fuller  
     Illinois  
 Squire, Mrs. Minnie C.  
     District of Columbia  
 Stadley, Robert B.  
     Texas  
 Stambaugh, Anna May  
     Virginia  
 Stanton, A. J.  
     Pennsylvania  
 Starr, Arthur P.  
     New York  
 Steel, Annette  
     Pennsylvania  
 Steever, Laura W.  
     Maryland  
 Stelle, Mary L.  
     Delaware  
 Sterling, Norris  
     Virginia  
 Stevens, Amy J.  
     North Carolina  
 Stewart Mary  
     Tennessee  
 Stirlen, Eugene D.  
     Iowa  
 Stone, Carrie P.  
     North Carolina  
 Stone, Darrus M.  
     Missouri  
 Stone, Everett M.  
     Indiana  
 Stout, Forrest D.  
     Kansas  
 Strickland, Josephine  
     A. B., Judson College  
     Alabama  
 Stringham, Emerson  
     Iowa  
 Strother, David H.  
     West Virginia  
 Sublette, Myrick H.  
     Maryland  
 Sullivan, Florence  
     Kansas  
 Suguitan, Demetrio  
     Philippine Islands  
 Suraci, Frank  
     District of Columbia  
 Suraci, X. A. R.  
     District of Columbia  
 Sutton, Dick  
     Oklahoma  
 Swangel, William H.  
     B. S. in Chemistry, Pennsylvania  
     State College  
     Pennsylvania  
 Symons, Arthur  
     Michigan  
 See, Miss Wai-Ling  
     China  
 Tabor, Blanche  
     North Carolina  
 Tansil, Rebecca  
     Tennessee  
 Tarwater, Elmer L.  
     Missouri  
 Tatum, Rosa C.  
     North Carolina  
 Taylor, Marcellette  
     Wisconsin  
 Taylor, Nellie Boyd  
     District of Columbia  
 Taylor, William T.  
     Pennsylvania  
 Temin, Morris  
     District of Columbia  
 Thorn, Ada H.  
     Minnesota  
 Thomas, Carroll T.  
     B. S., University of Richmond  
     Virginia  
 Thomas, Francis J.  
     Oregon  
 Thomas, Laura K.  
     Kansas  
 Thomas, William R.  
     District of Columbia  
 Thompson, Clara M.  
     Virginia  
 Thompson, Edith M.  
     New York  
 Thompson, Myrtle M.  
     Indiana  
 Thornhill, Annie C.  
     Virginia  
 Thorwarth, Laura E.  
     Minnesota  
 Thurber, Mildred E.  
     New York  
 Tice, Howard M.  
     Pennsylvania  
 Tillinghast, Jesse L.  
     New York  
 Tipton, John J.  
     Maryland  
 Todd, Martha R.  
     Illinois

- Tolson, Clyde A.  
   Iowa  
 Tolson, Hillory A.  
   Iowa  
 Treadwell, Milton S.  
   Pennsylvania  
 Tron, Robert A.  
   District of Columbia  
 Truett, Ella Jane  
   District of Columbia  
 §Trundle, Mary E.  
   District of Columbia  
 Tsai, Shun-Li  
   China  
 §Tsatskis, Meyer  
   Maryland  
 Tschiffely, Elberta  
   District of Columbia  
 Tso, Wai-ling  
   China  
 Tucker, Oscar S.  
   Pennsylvania  
 Turner, Bolon B.  
   Arkansas  
 §Turner, Jetta  
   Texas  
 Turner, Joe W.  
   Iowa  
 Turner, Marie  
   North Carolina  
 Tutt, Mrs. Helen  
   Texas  
 Tyler, John Paul  
   Virginia  
 §Tyndall, Martha J.  
   District of Columbia  
 Underwood, M. Louise  
   District of Columbia  
 Van Natta, Paul C.  
   Missouri  
 Vickers, Rose  
   District of Columbia  
 Villanueva, Paterno C.  
   Providence Hospital  
 Vitale, Anthony F.  
   Massachusetts  
 Vliet, Andrew M.  
   A. B., George Washington  
   University  
   Maryland  
 Volstead, Laura  
   Minnesota  
 §Waddell, Sallie N.  
   Georgia  
 Wagner, H. Emory  
   Maryland  
 Wagonseiler, Earl A.  
   Illinois  
 Walker, Effie L.  
   Mississippi  
 Wallace, Ralph W.  
   Oklahoma  
 Walter, Gertrude E.  
   A. B., George Washington  
   University  
   District of Columbia  
 Wang, Voory Ung  
   China  
 Wange, Hans  
   District of Columbia  
 Ward, Mary F.  
   Pennsylvania  
 Warner, Wellman J.  
   Colorado  
 Watson, Elliott O.  
   South Carolina  
   A. B. and A. M., Woofford  
   College, S. C.  
 Waung, Ang-Chung  
   China  
 Weadon, Leafy  
   Virginia  
 Weaver, Frank M.  
   LL. B., Georgetown University  
   Mississippi  
 Weber, Elsa A.  
   New York  
 Weckerly, Louise H.  
   Maryland  
 Weeks, Norman E.  
   District of Columbia  
 Weigandt, Harry N.  
   South Dakota  
 Weiss, George  
   B. S. in Bus. Ad., Harvard  
   University  
   Minnesota  
 Wendt, Robert H.  
   Iowa  
 Werner, Mrs. Marie D.  
   Pennsylvania  
 §Wetzel, Elsie A.  
   Illinois  
 Weyl, Celeste  
   Illinois  
 Whaland, Norman D.  
   Massachusetts  
 Whalen, Alice  
   Virginia  
 Wheatley, Mary E.  
   A. B., George Washington  
   University  
   Virginia  
 Wheeler, Hester  
   Georgia  
 White, Joseph L.  
   Illinois  
 White, Robert E.  
   South Carolina  
 Whitzell, Marget E.  
   Virginia  
 Wilder, William F.  
   District of Columbia  
 Wiles, William F.  
   North Carolina  
 Wildsey, Katherine  
   District of Columbia  
 Wilks, Van B.  
   Missouri  
 Willard, Calar  
   District of Columbia  
 Williams, Carrie A.  
   Missouri  
 Williams, P. H.  
   Pennsylvania  
 Willis, Hugh E.  
   District of Columbia  
 Willis, Virginia J.  
   Virginia  
 Willner, Warren H.  
   District of Columbia  
 §Wills, George A.  
   Tennessee



Wilson, Genevieve J.  
Rhode Island  
Winkler, Joseph H.  
District of Columbia  
Wiseheart, Malcolm B.  
Illinois  
Wolfe, John F.  
District of Columbia  
Wood, John Sumner  
Massachusetts  
§Woodard, Wickliffe, W.  
Mississippi  
Woodmansee, Arthur  
Ohio  
Woodward, Clarence  
Michigan  
Woolf, Donald O.  
District of Columbia  
Yagle, Irma E.  
Alabama

Young, Mrs. Evelyn  
South Dakota  
Young, Grover C.  
South Dakota  
Young, Horace C.  
Kentucky  
Yuan, T. L.  
China

Zantzinger, Otway B., Jr.  
Maryland  
Zearfoss, John E.  
Pennsylvania  
Zimmerman, John S. M., Jr.  
District of Columbia  
Zimmerman, William Ellis  
Pennsylvania  
Zirkle, Vernon B.  
Virginia

## SUMMARY

## Graduate Students

Students in attendance	60
Candidates for M. S. Degree	59
Candidates for A. M. Degree	148
Candidates for Ph. D. Degree	55
Candidates for C. E. Degree	1
	323

## UNDERGRADUATE STUDENTS

## Columbian College

Candidates for A. B. Degree	1143
Candidates for B. S. in Med. Degree	32
Pre-Medical	109
Special	924
	2208

## College of Engineering

Candidates for B. S. in Arch. Degree	42
Candidates for B. S. in Chemistry Degree	40
Candidates for B. S. in Ch. E. Degree	60
Candidates for B. S. in C. E. Degree	108
Candidates for B. S. in M. E. Degree	87
Candidates for B. S. in E. E. Degree	85
Candidates for B. S. in Physics Degree	8
Special	115
	545

## Teachers College

Candidates for A. B. and Teacher's Diploma	328
Special	47
	375

Total, Department of Arts and Sciences	3451
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## SUMMER SCHOOL 1921

Summer School, Arts and Sciences	872
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## MEDICAL SCHOOL

### CANDIDATES FOR THE DEGREE OF DOCTOR OF MEDICINE

An asterisk (\*) before a name indicates student not in attendance through year.

#### FIRST YEAR

Alcizar, Raul Ferdinand	Peru	1536 16th Street
Anuario, Chas. Benedict	N. J.	1439 Rhode Island Avenue
Borrone, Milton George	N. J.	931 M Street
Bosworth, Robert Joseph, A. B.	D. C.	523 5th Street, N. E.
Bowen, George Loveridge	Kans.	1829 19th Street
Bradley, Henry George	Del.	213 C Street, S. E.
Carollgio, Louis Edward	N. Y.	1626 Hobart Street
Chapman, Katherine Antoinette	Md.	Kensington, Md.
Cherniak, Sylvester	Pa.	1405 L Street
Cockerille, Laurence Leo	D. C.	8649 13th Street
Council, Esmond Ensley	N. C.	1216 K Street
Crespo, Demetrio	P. R.	1002 Massachusetts Avenue
Creswell, George William	Md.	1753 N Street
Davila, Jose Estevan	P. R.	1229 New York Avenue
Denison, Abraham Robert	D. C.	1301 K Street
de Porras, Francisco Ruiz	P. R.	1002 Massachusetts Avenue
Diatz, Philip	D. C.	2923 Georgia Avenue
Enslows, Ella Morgan Austin.	D. C.	Takoma Park
B. A., M. S.		
*Eanet, Paul	D. C.	352 Eye Street, S. E.
Estevez, Jaun	P. R.	1229 New York Avenue
Evans, Leland Moroni	Utah	1301 K Street
*Felitti, Vincent Justus	N. Y.	1417 K Street
Friedenburg, Harry	D. C.	917 6th Street, S. W.
Geier, Frederick Aloysius J.	D. C.	2501 14th Street
Geisler, William Herman	Calif.	1734 K Street
Grogan, James Isadore	N. Y.	1200 N Street
Gurevich, Bernard J.	D. C.	1101 O Street
Hand, Francis Marion	Ga.	1732 N Street
Iadano, Louis Jos.	N. J.	931 M Street
Jansen, Russel John	Minn.	1433 Rhode Island Avenue
Johnson, Don, L.L. D.	Utah	1829 19th Street
King, William Binford, A. B.	Va.	Route 2, Alexandria
Larrain, Abel Roriquex	Peru	Peruvian Embassy
Lattman, Isidore, Ph. G., A. B.	N. Y.	1462 Chapin Street
Lavner, Solomon Joseph	N. Y.	753 Fairmont Street
Law, Lewis Abner	Va.	1819 K Street
Leaman, Paul Miller	W. Va.	Y. M. C. A.
Lopez, Victor Antongiorgi	N. Y.	1338 Shepherd Street
Love, James Wilbert	D. C.	1330 Vermont Avenue
Marra, Rocco Salvatore	N. J.	1426 M Street
Maxwell, John Edwin	D. C.	1730 Willard Street
McNitt, Harry Arnold Hull	Md.	Berwyn, Md.
McNitt, Henry John Russel	Md.	Berwyn, Md.
Morgan, Edwin King, A. B.	D. C.	1205 15th Street
Nathanson, Esther Alsylvia	Va.	1787 Lanier Place
Nicholson, Margaret Mary	Va.	1000 Maryland Avenue,
		N. E.
Nimetz, Aaron	D. C.	1544 9th Street
Notes, Bernard	P. R.	2925 Ordway Street
Passalacqua, Luis Anthony	D. C.	1229 New York Avenue
Pavlinac, Joseph Henry, B. S.	D. C.	1400 K Street
Peake, Isidore Albert	D. C.	1200 N Street
Phillips, Bernhard	D. C.	1128 7th Street
Phillips, Joseph Julius	D. C.	1128 7th Street
Porton, Stanley Paul	D. C.	1833 11th Street
Potter, Harold Walter	D. C.	1223 Euclid Street
Protas, Maurice, A. B.	D. C.	1353 Shepherd Street
Pulman, Peter Boothe	Va.	R. F. D. No. 4, Alexandria
Quayle, Edgar Elias	D. C.	Olympia Apartments
Ray, Hartzell Harrison	Ohio	1123 13th Street
Rhame, Harold Elias	Kans.	1236 11th Street

Robinson, John Harrison	Okla.	1480 N Street
Rubino, Anthony Peter	D. C.	1360 Colorado Road
Schafer, William Lewis, Jr.	Va.	427 Wilkes Street, Alexandria
Schilling, Anthony B.	N. J.	410 H Street
Stallard, Clint Wolfe	Va.	518 H Street
Stretch, Clarence Loughlin	Conn.	1200 N Street
Symmonds, Katharine Godfrey, A. B.	Ind.	1826 Columbia Road
Thomas, William Raymond	D. C.	2905 14th Street
Trelles, Laurino	P. R.	1002 Massachusetts Avenue
Weinschelbaum, Samuel	N. Y.	507 N Street

## SECOND YEAR

Ballinger, William McCormick, A. B.	Colo.	1489 Newton Street
Batchelor, John Justice	D. C.	1139 12th Street
*Blum, Henry Harvey	N. Y.	613 Q Street
Brilmyer, George Joseph, B. S., M. S.	D. C.	45 Q Street, N. E.
Butler, Homer Kirk, Phar. D.	D. C.	1611 Riggs Place
Chiascione, Rocco Michael, B. S.	N. Y.	1124 10th Street
Chilson, Howard Carlos, A. B., A. M.	D. C.	Takoma Park, D. C.
Cohen, Roger Stahel, Litt. B.	D. C.	1868 Columbia Road
Colon, Ramon Tomas	P. R.	928 M Street
Deep, Anthony Abraham	D. C.	1214 14th Street, Apt. 33
Duffey, Hugh Clarence, Jr.	D. C.	929 O Street
French, Leslie Howson	Pa.	1320 Belmont Street
Gelfand, Harry Harold	N. Y.	8420 Warder Street
Giovino, Joseph Bivona, A. B.	N. Y.	1426 M Street
Harding, James Sylvester	Pa.	1120 13th Street
Haynes, William Preston, A. B.	Ky.	1009 Kenyon Street
Hewitt, Richard Miner, A. B., A. M.	Conn.	4832 16th Street
Hoffman, Herman S., A. B.	Md.	Brentwood, Md.
Johnson, William Joseph, A. B.	Mass.	232 First Street, S. E.
Karshmer, Nathan	N. J.	632 Q Street
McChesney, Frank Marks	D. C.	129 Randolph Place
Maffey, Anthony Aloysius	N. J.	1234 8th Street
Malone, Lillian, A. B.	D. C.	201 Florence Court
Maul, Sarah Elizabeth, A. B.	D. C.	1831 K Street
Medes, Earl Eugene	N. Y.	2009 N Street
Meyer, Theodore Roosevelt	N. Y.	1528 9th Street
Mulligan, Charles Steven	N. Y.	1110 M Street
Navarro, Vincente Aquirre, A. B.	P. I.	2225 New York Avenue
Oliveras, Artajerjas	P. R.	4512 Georgia Avenue
Ottenberg, Gilbert	D. C.	1248 7th Street
Perkins, Hanson Travers, B. S.	Md.	Springfield, Md.
Plotnick, Barney	Va.	1540 7th Street
Rachlis, Burech	Pa.	222 Eye Street
Rambo, Golden Samuel	D. C.	813 Carroll Avenue, Takoma Park
Rees, Thomas Richard, A. B.	Utah	Rutlands Court
Rosenblatt, Louis	N. Y.	210 Rhode Island Avenue
Rouse, Noah	N. C.	1311 1/2 M Street
Rubinstein, Max Rudolph	N. J.	1444 Oak Street
Russell, John Paul	D. C.	617 6th Street
Sapienza, Frank	N. Y.	1124 10th Street
Sawyer, Edmund Ellis, B. S.	N. J.	2009 N Street
Schwetsky, Samuel Harold	N. Y.	3927 15th Street
Searl, Howard A., A. B.	Ohio	1733 N Street
Shannon, William Arthur	D. C.	1528 9th Street
Solnitzky, Othmar, A. B., A. M., Ph. D.	D. C.	1110 M Street
Stein, Joseph	N. Y.	1133 8th Street
Swartwout, Edith Lillian	D. C.	12 Iowa Circle
Zitani, Alfred Marius	N. J.	1124 10th Street

## THIRD YEAR

Brown, Radford	D. C.	The Ashley
Chan, Pak Chue	China	330 C Street
Dean, Benjamin Franklin, Jr.	D. C.	916 Massachusetts Avenue
Earnest, John Paul, Jr., A. B.	D. C.	2123 N Street
Gates, Herbert Stelwyn	D. C.	808 North Carolina Avenue
Haddock, Douglass Arno, A. B.	Maine	1106 New York Avenue



Harnesberger, Chas. Whitfield	Va.	R. F. D. No. 1, Rosslyn, Va.
Horwitz, Alec. A. B.	D. C.	916 4½ Street, S. W.
Kain, Helen Gladys, B. S. in Chem.	D. C.	129 E Street
Melendez, Juan	P. R.	1205 10th Street
Moody, Terrell, A. B.	Ga.	115 B Street, N. E.
Poster, Russell Herbert	Pa.	906 M Street
Rechman, Benjamin	D. C.	210 Rhode Island Avenue
Stuart, Majorie Shaw, A. B.	D. C.	1315 12th Street
Wanlass, Stanley Adrian, A. B.	Utah	624 H Street
Warrick, Luby Albert, A. B.	N. C.	624 H Street
Woodbury, Clare Watson, A. B.	Utah	624 H Street

## FOURTH YEAR

Bradley, Grover Orlando	Utah	1339 H Street
Brooke, Deane Francis	N. D.	7 H Street
Cole, Hazen Eugene	D. C.	639 East Capitol Street
Cudney, Ethan Bnage	Mich.	Ventosa Apartments
Davis, Joshua William	Pa.	2032 F Street
Demopoulos, Christos John	Greece	804 K Street
Gaines, John Marshall, Phar. D.	Va.	114 N. Alfred Street, Alexandria
Goldfain, Samuel	Colo.	2115 5th Street
Jones, Robert Varnum	Pa.	1339 H Street
Nordlinger, George, A. B.	D. C.	3119 N Street
Peterson, Norman Vern, B. S.	Utah	300 East Capitol Street
Reed, John Alton	D. C.	629 Princeton Street
Sager, William Warren, A. B.	D. C.	2823 14th Street
Schultz, Charles H.	Pa.	1322 Vermont Avenue
Sesta, Joseph, Ph. C., Ph. G.	N. J.	Y. M. C. A.
Taylor, Robert Mitchell, A. B.	D. C.	607 North Carolina Avenue, S. E.

## REGISTRATION OF STUDENTS IN THE SCHOOL OF PHARMACY, SESSION OF 1921-22

<i>Address</i>	<i>Legal Residence</i>	<i>Name</i>
Alvarez, M. Manuel.... Bayamo, Cuba.....	2630 16th St. N. W., D. C.	
Berkman, Abraham.... Russia .....	816 B St. S. W., D. C.	
Briggs, W. Paul..... Washington, D. C....	237 9th St. N. E., D. C.	
Brown, Elmer G..... New York.....	Mt. Ranier, Md.	
Corwin, H. LaFay..... Washington, D. C....	766 Rock Creek Church Rd., D. C.	
Dunn, Leo Edward.... Boston, Mass.....	U. S. Naval Hospital, D. C.	
Dyer, Charles F..... Washington, D. C....	116 V St. N. W., D. C.	
Freeman, Julian D.... Washington, D. C....	2328 Ga. Ave. N. W., D. C.	
Gellman, Harry..... Russia .....	472 E. St. S. W., D. C.	
Ghani, Fuad Abdul.... Egypt .....	1738 F St. N. W., D. C.	
Gagnes, Joseph..... Massachusetts .....	803 I St. N. W., D. C.	
Heller, William L.... Virginia .....	407 2nd St. N. W., D. C.	
Hixson, Clayton H.... Washington, D. C....	624 Irving St. N. W., D. C.	
Kinner, Harold C.... New York.....	Mt. Ranier, Md.	
Mora, Javier E..... Holguin, Cuba .....	1227 Girard St. N. W., D. C.	
Machenberg, Julius... New York.....	Washington, D. C.	
McMurray, J. Arthur.. Texas .....	1322 Mass. Ave. N. W., D. C.	
Norris, Betty Elena... Virginia .....	1117 Prince St., Alexandria, Va.	
Oshinsky, Charles.... Poland .....	636 D St. S. E., D. C.	
Ruby, Charles Phipps. Pennsylvania .....	1600 R. I. Ave. N. W., D. C.	
Shiner, Hubert H.... Virginia.....	1227 11th St. N. W., D. C.	
Schnider, Abe..... Russia .....	633 Quebec St. N. W., D. C.	
Schultz, Frederick C... Washington, D. C....	1518 6th St. N. W., D. C.	
Warfield, E. Ashby.... Virginia .....	501 King St., Alexandria, Va.	
Walsh, Francis M.... New York.....	2131 Penna. Ave. N. W., D. C.	



## STUDENTS REGISTERED IN THE LAW SCHOOL

1921-1922

Names of students who have withdrawn or graduated are indicated by stars; those who have entered since January 30, 1922, by daggers.

Students who are college graduates are indicated by the degree, year in which it was received, and name of college conferring it.

Students who have had only part of a college course are indicated by the names of the colleges attended.

### CANDIDATES FOR DEGREE OF BACHELOR OF LAWS

#### First Year Class

Name	Legal Residence	Address
Abel, Damon Chandler Washington School of Accountancy	Va.	1017 16th Street, N. W.
Acheson, Walter Scott University of Utah	Utah	34 8th Street, N. E.
Adams, Raymond Fletcher B. S., 1921, Pennsylvania State College	Pa.	808 Taylor St., N. W.
Aeln, Morris Morton George Washington University	D. C.	201 C Street, S. W.
Aguinaldo, Pio Iballo State University of Iowa	P. I.	1747 E Street, N. W.
Allen, Bunce	D. C.	1839 R Street, N. W.
Allen, Herbert Osburn University of Virginia	Va.	Newington, Va.
*Alseen, Myrtle Frances Carolyn George Washington University	Minn.	1465 Meridian Place, N. W.
†Ames, Norman Bruce B. S. in E. E., Mississippi Agricultural College; B. S. in E. E., George Washington University; S. B. in E. E., Massachusetts Institute of Technology; S. B. in E. E., Harvard University	D. C.	1409 21st Street, N. W.
*Ancker, William Mason Virginia Military Institute	Md.	1713 G Street, N. W.
*Anderson, Lionel Glenn	D. C.	1603 Massachusetts Avenue, N. W.
Angevine, Eugene Ph. C., 1917, University of Montana	Mont.	1312 N Street, N. W.
*Arnold, John Knox Central University of Kentucky	Ky.	2120 O Street, N. W.
Washington and Lee University		
Baker, Floyd Jennings Washington and Lee University	D. C.	3921 McKinley Street, Chevy Chase.
*Baker, John Thaddeus	Okla.	1246 11th Street, N. W.
Baker, Mary Louise	Mo.	102 Fontanet Courts.
†Barnes, Paul Alfred	Mass.	Cavanaugh Courts, Apt. 208.
*Barton, Jesse Moore	Ohio	3903 O Street, N. W.
*Bassler, William Sidney George Washington University	D. C.	143 11th Street, N. E.
†Batson, Royal Alonzo Iowa State College	S. D.	3401 16th Street, N. W.

<i>Name</i>	<i>Legal Residence</i>	<i>Address</i>
Bays, William Webb A. B., 1904, Washington and Lee University	D. C.	3228 Hiatt Place, N. W.
Becker, Wade Montague George Washington University	Pa.	1120 13th Street, N. W.
Belden, Stanley Raymond University of Wisconsin	Wis.	1913 G Street, N. W.
Benson, Russell Bernard George Washington University	Md.	2640 Garfield Street, N. W.
Berg, Jack Kesterson	Nebr.	1500 Emerson Street, N. W.
Berg, Zona	Nebr.	1500 Emerson Street, N. W.
Berger, Edwin Anson George Washington University	Pa.	1428 R Street, N. W.
†Berkman, Abraham George Washington University	D. C.	816 B Street, S. W.
Bernsten, Sarah Edith	D. C.	1204 Irving Street, N. W.
Bettelheim, Edwin Sumner, Jr. Columbia University School of Mines	N. Y.	University Club.
Bibb, John Jay University of Virginia College of William and Mary	Va.	1743 F Street, N. W.
Bigelow, May Thorpe A. B., 1919, Vassar College	D. C.	The Farnboro Apts.
Blake, Ida Vincent Ohio University Adrian College, Michigan	Ohio	Government Hotel, P. Q.
Blakely, Charles Francis B. S. in C. E., 1920, George Washington University	Nebr.	Y. M. C. A.
Boardman, May Evelyn	N. J.	P-Q Building, Room 139.
Boothe, Gardner Lloyd University of Virginia	Va.	406 N. Washington Street, Alexandria, Va.
†Borden, Granville Spaulding Lehigh University; University of California	Pa.	1307 Clifton Street, N. W.
Boscarell, John Jesse	N. J.	1600 Rhode Island Avenue, N. W.
Boswell, Fred Thomas William	Ill.	1432 M Street, N. W.
Bottum, Roswell Yankton College	S. D.	1523 Vermont Avenue, N. W.
Boyd, Angie Antoinette	Ga.	3708 Oliver Street, Chevy Chase, D. C.
†Boyden, Roger Talbot B. S. in C. E., 1921, George Washington University	Mass.	206 Southbrook Courts.
†Bradford, John Leo A. B., 1916, Park College	D. C.	1901 D Street, N. W.
*Bradley, Guy Francis	Iowa	3320 16th Street, N. W.
*Brill, Charles Donnelly	D. C.	1822 New Hampshire Avenue, N. W.
Britt, Delton Leslie	S. C.	2511 14th Street, N. W.
†Bross, Charles Milborne	Mich.	1814 N Street, N. W.
Brown, Agnes Marjorie Iowa State College	Iowa	Government Hotel, G-H Build- ing.
*Brown, Earl University of Illinois; George Washington University	Ill.	1916 F Street, N. W.
Brown, Mae Robertson	N. J.	613 Princeton Place, N. W.
Brown, Merwin Humphrey	D. C.	150 S Street, N. E.
Bucia, Simplicio Gementiza	P. I.	1747 E Street, N. W.
Burns, Jacob Catholic University of America	D. C.	1519 Allison Street, N. W.
Burriss, William Floyd	Md.	1715 22d Street, N. W.
Burrus, John Wesley George Washington University	N. C.	1743 Que Street, N. W.
†Bustlin, Emeline Foster St. Mary's College, Dallas, Texas	Calif.	3485 Halmrod Place, N. W.



## FIRST YEAR CLASS

297

<i>Name</i>	<i>Legal Residence</i>	<i>Address</i>
†Butler, Florence University of Colorado	D. C.	Ontario Apts.
Byer, Leslie Conwell B. S. in E. E., 1920, Wor- cester Polytechnic Institute	Mass.	1405 G Street, N. W.
Camp, Carver Ingham Carle, Herbert McComas George Washington University	Pa. Ohio	1807 Clifton Street, N. W., 2800 18th Street, N. W., Apt. 22.
Carlson, Arthur Willard †Carson, Ray Gentry Lincoln Memorial University; University of North Caro- lina	Minn. N. C.	Room 390, House Office Bldg.
Carter, William Golden *Casey, Frank William B. S., Ph. C., 1916, University of Michigan	D. C. Mich.	928 Louisiana Avenue, N. W. 1784 K Street, N. W.
*Chandler, Collis Paul University of Kansas	Okla.	Wardman Park Hotel.
†Childs, Ralph Saville *Clark, Frank Moon Churbuck, Lewis Marshall Churchhill, Virginia H. *Clements, Dorothy Blanchard Cornell University	D. C. D. C. Mass. Mo. N. Y.	121 12th Street, S. E. 2016 P Street, N. W. 1026 Vermont Avenue, N. W. Govt. Hotel, N-O Bldg. 1414 16th Street, N. W.
Clephane, Beatrice Adaline A. B., 1920, Wellesley College	Md.	Chevy Chase, Md.
†Cohen, Carl Manuel Massachusetts Institute of Technology	D. C.	3225 18th Street, N. W.
Colburn, Joseph Bradley	D. C.	1730 Massachusetts Avenue, N. W.
†*Cole, Everett †Conlyn, Margaret *Conner, Lendell Allen	D. C. D. C. Md.	1814 Longfellow Street, N. W. 2236 35th Street, N. W. 6317 Maple Avenue, Chevy Chase, Md.
Cook, Benjamin Edwards University of North Carolina	Okla.	281 House Office Building.
*Cook, Hardy Rhodes Corey, George Holton George Washington University	D. C. Pa.	Apt. 10, 707 20th Street, N. W. 1511 Lamont Street, N. W.
*Couch, Helen Virginia	W. Va.	1930 New Hampshire Avenue, N. W.
Cowley, Matthew University of Utah	Utah	Colonial Hotel.
Cox, Frederick Hunter University of Virginia	D. C.	Apt. 204, 3800 14th Street, N. W.
†Cross, Elam Carl Marshall College	D. C.	1211 Eye Street, N. W.
Cross, Frederick Sylvester Massachusetts Institute of Technology; George Wash- ington University	W. Va.	1100 Vermont Avenue, N. W.
*Daly, Thomas Joseph Davis, Marshall Dean Mercer University; George Washington University	D. C. Ga.	1409 Hopkins Street, N. W. 1812 M Street, N. W.
*Davis, William James D. D. S., 1911, Georgetown University	D. C.	1404 H Street, N. W.
Dawson, Alan Bennett Des Marais, George Fenelon S. D. in M. E., 1920, Massa- chusetts Institute of Tech- nology; Norwich University	D. C. Mass.	756 18th Street, S. W. 729 20th Street, N. W.
Deveney, Norman Alfred Dice, John Oliver Dierkoph, Henry Knefley	D. C. Ill. D. C.	933 H Street, N. W. 1219 Jackson Street, N. E. 3815 14th Street, N. W.

<i>Name</i>	<i>Legal Residence</i>	<i>Address</i>
†Divine, John Parker George Washington University	Va.	216 13th Street, N. W.
Dodd, Esther Elizabeth	N. Y.	1838 Oak Street, N. W.
Donahue, Dorothy A. B., 1919, George Washington University	Vt.	Apt. 606, The Sherman.
*Donohoe, Margaret Angelica	Mass.	1224 13th Street, N. W.
Douthitt, Laidley Ellis Centre College, Columbia University	Ky.	1815 F Street, N. W.
Dowell, Arthur Edward, Jr. B. S. in E. E., Massachusetts Institute of Technology	D. C.	3026 Newark Street, Cleveland Park, D. C.
*Downey, Marjorie Marble A. B., Wellesley College	Md.	6711 Brookville Road, Chevy Chase, Md.
Duckwall, Katherine	D. C.	1425 Webster Street, N. W.
Duggan, James Henry University of Georgia; George Washington University	Ga.	1300 Massachusetts Avenue, N. W.
*Duggan, Sam McArthur University of Georgia	D. C.	326 Massachusetts Avenue, N. E.
Duncan, Ethelbert James	Pa.	Care Department of Public Speaking, University of Maryland.
Dymond, Arieta Romaine A. B., 1919, Pennsylvania State College	Utah	215 Senate Office Bldg.
Eccles, Parley Price George Washington University	Pa.	903 8th Street, N. W.
Eckenroth, Edwin Ruth State College of Pennsylvania; National University	D. C.	1026 Newton Street, N. E.
Edmonds, Henry Gordon Maryland University	D. C.	645 Park Road, N. W.
Eisinger, Rudolph John George Washington University	Ohio	Patent Office.
†Emrick, Leon Hale B. S. in E. E., 1918, Purdue University	Ind.	3512 Newark Street, N. W.
†Evans, Maxwell Skinner B. S. in M. E., 1921, Purdue University	Fla.	60 M Street, N. W.
†Falk, Walter Albert State University of Iowa	Mich.	3815 Ingomar Street, N. W.
Finley, Mark Florus, Jr. A. B., 1912, University of Michigan	D. C.	U. S. Tariff Commission
Fisher, Howard Cochran B. S. in Econ., 1918, University of Pennsylvania	D. C.	1225 Newton Street, N. E.
†Flood, Richard Jerome, Jr. George Washington University	Ark.	1820 10th Street, N. W.
Foster, Benjamin Smith George Washington University	Tenn.	1845 L Street, N. W.
Fraker, May George Washington University	Pa.	1410 Harvard Street, N. W.
Frank, Jerome William B. S., 1916, University of Pittsburgh	Mich.	419 House Office Bldg.
Frank, Meyer University of Michigan	Md.	Forest Glen, Md.
Fraser, Charles Nye, Jr.	Va.	Alexandria, Va.
Friedlander, Alvin Herman University of Virginia	Md.	1942 14th Street, N. W.
Friedman, Harry	Ga.	1133 8th Street, N. W.
Friedman, Wolfe Leon	N. Y.	420 Wolfe Street, Alexandria, Va.
*Friedrich, Charles New York University		



<i>Name</i>	<i>Legal Residence</i>	<i>Address</i>
Funkhouser, Charles Monroe	N. J.	1829 19th Street, N. W.
George Washington University		
Furniss, Robert Melnotte	D. C.	Box 118, Brentwood, Md.
Gapuz, Bernardo Barnachea	Oreg.	1747 E Street, N. W.
Willamette University; George		
Washington University		
*Gardner, Carl	Tenn.	Marine Barracks.
A. B., 1921, University of Ten-		
nessee		
*Gatchell, Willard Waddington	D. C.	3209 19th Street, N. W.
George Washington University		
†Gillespie, Rees Alexander	Mo.	1501 16th Street, N. W.
University of Maryland;		
George Washington Univer-		
sity		
Glass, David Rose	Calif.	428½ M Street, N. W.
Gleeson, Joseph Michael	Mass.	No. 2, Iowa Circle, N. W.
Georgetown University		
Gleichman, Walter Charles	Ind.	2033 F Street, N. W.
George Washington University		
*Goodall, Anna Marie	D. C.	1824 Ingleside Terrace, N. W.
Gott, Eugene Cissel, Jr.	D. C.	2012 R Street, N. W.
Electro-Metallurgist, 1921,		
Lehigh University		
Graves, Fred Oliver	N. Y.	1408 Emerson Street, N. W.
*Gray, Joseph Francis	Ga.	The Sherman, 15th and L
A. B., Belmont Abbey College		Streets, N. W.
†Grimes, George Hammond	Ala.	530 House Office Bldg.
Grossman, Herbert Robert	Ky.	1311 N Street, N. W.
George Washington University		
Hamilton, Bonifant	D. C.	3135 24th Street, N. E.
B. S. in Chem., 1918, M. S.,		
1920, George Washington Uni-		
versity		
Hamilton, William Greene	Ark.	1738 N Street, N. W.
A. B., 1921, University of		
Arkansas		
†Hamlin, Lillian	D. C.	R-S Bldg., Government Hotels.
John B. Stetson University		
Hankin, Charlotte Anna	Md.	912 Carroll Avenue, Takoma
A. B., 1920, Radcliffe College		Park, Md.
Hanson, Elisha	Ill.	Bethesda, Md.
Cornell University		
Harden, Michael Gregor	D. C.	1600 Rhode Island Avenue,
Polytechnic Institute in Riga;		N. W.
Georgetown University		
Harding, Raymond Barton	Va.	625 G Street, S. W.
B. S. in E. E., 1920, George		
Washington University		
†Harper, Edwin Vincent	Tenn.	Washington Asylum Hospital.
Harrington, James Philip	N. Y.	1832 Eye Street, N. W.
St. Michael's College (Toronto,		
Ont.)		
Harris, Morgan Clayton	Md.	Freres Club, 1734 K Street,
		N. W.
Hart, Willard Lanning	Ohio	1319 Irving Street, N. W.
B. S., 1919, Clemson Agricul-		
tural College		
Hartshorn, David Elmer	Conn.	1432 M Street, N. W.
B. S. in C. E., 1917, Worcester		
Polytechnic Institute		
*Hatch, Josie Allen	D. C.	324 E-F Bldg., Government
A. B., 1917, University of		Hotels.
Texas		
†Haupt, William Levensgood	D. C.	Apt. No. 7, 210 18th Street,
A. B., 1911, University of		S. W.
Pennsylvania		
†Haycraft, Charles Isaac	Minn.	16 Randolph Place, N. W.
George Washington University		

<i>Name</i>	<i>Legal Residence</i>	<i>Address</i>
†Hays, Dallas Burford George Washington University	Mo.	398 House Office Bldg.
*Heber, Raymond John University of West Virginia	W. Va.	3357 18th Street, N. W.
Heilbrun, Ruth Adele George Washington University	D. C.	581 Woodward Bldg.
Hernandez, Francisco Jose	P. R.	2807 18th Street, N. W.
Herschman, Harry Kurtz B. S. in C. E., 1921, University of Michigan	D. C.	2101 N Street, N. W.
Heth, Eva Virginia A. B., 1892, A. M., 1898, Uni- versity of Virginia; George Washington University	D. C.	1933 S Street, N. W.
*Hickey, David Rowe University of Iowa	Iowa	1405 Girard Street, Apt. 24.
Hicks, George Dewey University of Alabama	Ala.	2111 Bancroft Place, N. W.
*Hill, Guy B. S., 1906, Massachusetts In- stitute of Technology	D. C.	1734 Eye Street, N. W.
†Hitt, William Birch Hoffman, Dale Elizabeth State Teachers' College, Mis- souri	D. C. Mo.	1843 California Street, N. W. 1519 G Street, N. W., Apt. 310.
Holbrook, Jane May	Minn.	1441 Girard Street, N. W.
*Holt, Ralph Manning Trinity College; George Wash- ington University	N. C.	1733 N Street, N. W.
Hoover, Arthur Reeve Ph. B., 1921, Yale University	D. C.	The Highlands.
*Hughes, Miller Centre College	Ky.	1440 M Street, N. W.
Hughes, Oliver Wendell Holmes Berea College; Bethany Col- lege	Ohio	Chancery Inn.
Hunt, Frank N.	Okla.	2162 Florida Avenue, N. W.
Hyland, Veronica Theresa	N. Y.	810 20th Street, N. W.
Isaacs, Amanda Ruth McLean College	Tenn.	248 Senate Office Bldg.
Jacobsen, Arnold Windom Grad. U. S. Naval Academy	Va.	414 Rutland Courts.
Janes, Dorothy Eloise	N. Y.	814 Connecticut Avenue, N. W.
Jawish, Henry King	D. C.	3603 M Street, N. W.
Johnson, Perry Marshall George Washington University	Va.	Braddock Heights, Alexandria, Va.
*Kaminsky, Abe	D. C.	3111 Warden Street, N. W.
*Kasten, Marie Antoinette A. B., 1908, A. M., 1911, Uni- versity of Wisconsin	Wis.	1727 K Street, N. W.
Kauffman, Harvey Earl A. B., 1920, A. M., 1921, George Washington University	Pa.	1130 New Hampshire Avenue, N. W.
Kaylor, Dana Edison	W. Va.	Glen Echo, Md.
*Keller, Percy Hyatt Virginia Polytechnic Institute	D. C.	1514 K Street, N. W.
Kem, Clio LaVerne University of Dubuque	Iowa	712 20th Street, N. W.
Kemman, Hugo August University of Iowa	Iowa	1600 Rhode Island Avenue, N. W.
†Kenonski, Alphonse Frank Charles Pennsylvania State College	Pa.	1316 Columbia Road, N. W.
Kephart, William Bayly	Wyo.	1713 Corcoran Street, N. W., Apt. No. 9.
Kiner, Frank Stanley	Pa.	3617 Hall Place, N. W.
King, Adam Stockton	D. C.	1476 Monroe Street, N. W.



# FIRST YEAR CLASS

301

Name	Legal Residence	Address
Kneip, George Dewey B. S. in Bus. Admin., 1920, Ohio State University	Ohio	1723 East Capitol Street, Apt. No. 25.
Knock, Barrett	D. C.	2423 14th Street, N. W.
†Koster, George Henry	D. C.	1006 E Street, S. W.
Kramer, George Georgetown University	D. C.	1789 Lanier Place, Apt. No. 43.
*Krey, Charles Edward B. S., 1919, Cornell University	D. C.	917 8th Street, N. W.
*Krider, Ira Frank George Washington University	Kans.	1335 Monroe Street, N. W.
Krucoff, Barney	D. C.	3111 11th Street, N. W.
Lamble, Margaret A. B., 1907, Vassar College	N. Y.	The Chastleton, 16th and R Streets.
Langston, James Argile	Okla.	Y. M. C. A.
*Langston, Raymond Parks	Okla.	1786 G Street, N. W.
Laughlin, Alton Enos George Washington University	Wyo.	1838 Harvard Street, N. W.
†Laux, David Nicholas Oklahoma Catholic University; Oklahoma State University	Okla.	2914 11th Street, N. W., Apt. 6.
†Laux, Lloyd Fox George Washington Univer- sity; Oklahoma State Uni- versity	Pa.	3404 Prospect Avenue.
*Lawrence, Henry Franklin, Jr. B. S., 1920, Missouri Wesleyan College	Mo.	Apt. 111, E. Clifton Terrace.
Ledendecker, Della Dullnig	Tex.	1514 K Street, N. W.
*Lesser, Theodore Jonas	D. C.	1411 Hamilton Street, N. W.
*Lewis, Elmer Adolph	Wis.	House Document Room.
Lewis, Henry Campbell	D. C.	Calverton Apt., Columbia Road.
*Liscomb, John Ingraham Colby College; Boston Uni- versity	Me.	128 B Street, N. E.
†Little, Donald George Washington Univer- sity; University of Kansas	Kans.	George Washington Inn.
Littlehales, James Hill University of Pennsylvania; George Washington Univer- sity	D. C.	3128 Highland Place, Cleveland Park, D. C.
Litzelman, John Henry	Pa.	1234 Monroe Street, N. W.
Lohnes, Horace Luther Ohio State University	Ohio	808 H Street, N. W.
Long, Clark Russell Ursinus College	Pa.	704 Randolph Street, N. W.
Louis, Max Colman George Washington University	D. C.	47 Quincy Place, N. E.
Lovering, George Varnum George Washington University	Mass.	Interstate Commerce Commis- sion.
Lovett, Elliot Callender A. B., 1921, Harvard Univer- sity	Ill.	Department of Justice.
Lutz, Karl Barr A. B., 1920, Bethany College	W. Va.	1808 Ontario Place.
Lyman, Charles Adelbert A. B., 1904, University of Wis- consin	D. C.	1781 Eye Street.
Lyon, Kenneth Ernest	Utah	228 East Capitol Street.
Mack, Powell Stauffer B. S. in E. E., 1917, Lehigh University	N. Y.	1405 G Street, N. W.
Mackall, Francis Sorrel A. B., 1920, University of Georgia	Ga.	1333 15th Street, N. W.
Macomber, Lumen Howard University of Chicago	D. C.	1624 Lamont Street, N. W.

<i>Name</i>	<i>Legal Residence</i>	<i>Address</i>
Maddox, Luther Robinson B. S., 1907, Virginia Polytechnic Institute	Tenn.	1833 M Street, N. W.
Mague, Roscoe Edwin George Washington University	Mass.	Apt. 814, Cavanaugh Courts.
Makens, Adelaide Serven A. B., 1920, Trinity College	D. C.	2631 13th Street, N. W.
*Malina, Georges Francis	N. Y.	1731 Church Street.
Mallet-Prevost, George	D. C.	3502 18th Street, N. W.
Manherz, Ralph Benjamin	Pa.	2008 Eye Street, N. W.
†Marble, Jarvis Carter B. S. in M. E., 1916, University of Michigan	N. Y.	1120 Vermont Avenue.
†Maritzer, Louis Samuel Georgetown University; Columbia University	D. C.	1680 Rhode Island Avenue.
Markley, Samuel Van Dyke A. B., 1920, Miami University	Ohio	1618 H Street, N. W.
*Martin, Edwin Manton George Washington University	D. C.	1940 Biltmore Street, N. W.
Martin, Veronica Marie	N. Y.	The Sherman.
†Mehrlick, Walter Ferdinand	Ind.	2115 P Street, N. W.
Merritt, Ella Arvilla A. B. 1908, M. A. 1905, George Washington University	D. C.	1603 Irving Street.
Meyers, Benjamin Juniata College	Pa.	1758 Church Street, N. W.
Miller, Edwin Wright Texas University	N. C.	1100 Vermont Avenue.
Milwit, Jacob	D. C.	1239 12th Street, N. W.
†Moncure, Dorothea Ashby B. S., Woman's College (Richmond, Va.), 1911; University of Virginia	Va.	3171 18th Street, N. W.
†Moncure, Richard Cassius Lee	Va.	Southern Rwy. Co., 13th and Pennsylvania Avenue.
Moore, John Gordon Louisiana Polytechnic Institute; Georgetown University	La.	219 House Office Bldg.
Moore, Marguerite Catherine	N. Y.	64 Bates Street, N. W.
Moore, Mary Lillian	Ky.	Cavanaugh Courts.
Morris, Sam Arlege University of Chattanooga	D. C.	1024 Vermont Avenue, N. W.
*Moskey, Frank R. George Washington University	D. C.	1017 15th Street, N. W.
Moul, George Edward University of Pittsburgh	Pa.	3320 16th Street, N. W.
†Mundo, Arthur Lufkin	D. C.	1521 Belmont Street, N. W.
Munson, George Kibby A. B., 1914, University of Rochester	N. Y.	624 Maryland Avenue, N. E.
†Munson, Reginald Broadwater	Va.	1016 Woodward Bldg.
Murdock, James Oliver Ph. B., 1916, University of Chicago; University of Illinois	D. C.	1824 23d Street, N. W.
McCloskey, Catherine Eleanore George Washington University; Columbia University	D. C.	Wardman Park Hotel.
†McCown, Henry Young Grad. U. S. Naval Academy	D. C.	U. S. S. Mayflower, Navy Yard.
McElroy, Louin Everett Woodland College; State Agricultural College	Ark.	939 H Street, N. W.
McGregor, Arthur	Utah	506 E. Clifton Terrace.
McGrew, Martha Steele A. B., 1920, George Washington University	Tenn.	1757 K Street.
McHenry, John Geiser, Jr. George Washington University	Pa.	2520 13th Street, N. W.
McInnis, Charles Ballard	Ala.	1607 16th Street, N. W.



# FIRST YEAR CLASS

303

Name	Legal Residence	Address
McKendree, Lauretta A. B., George Washington University	Ohio	1320 15th Street N. W.
†McLaughlin, John Thomas Catholic University; Georgetown University	N. H.	1303 Newton Street, N. E.
*McLaughlin, Margaret Bertha B. S., 1919, Iowa State College	Wyo.	308 F Street, N. W.
McPherson, David Mulvane Southwestern University	Calif.	1309 17th Street, N. W.
McRae, Calvin Brice	Ohio	1711 Que Street, N. W.
McRae, David Ezzell University of Texas	D. C.	936 N Street, N. W.
*Neblett, Clara Eaton	Va.	1705 Connecticut Avenue.
Nelson, Carl Bernhard Luther College, Decorah, Iowa	Iowa	1024 17th Street, N. W.
Nichols, Arthur Green, Jr.	D. C.	3921 Morrison Street, N. W.
Nichols, Ralph LeRoy Lawrence College, Appleton, Wis.	Minn.	633 Y. M. C. A.
Nickless, Christopher Wesley	D. C.	2625 Monroe Street, N. E.
Nicol, Louise	Ind.	2209 Washington Circle.
†Niebell, Ralph Augustus	Pa.	2138 F Street.
*Nieto, Arthur Mejia Instituto Nacional and Escuela Normal College	Honduras	909 13th Street, N. W.
Nixon, Robert Arleigh	Wis.	801 B Street, S. E.
Noell, William Wilson Virginia Military Institute	Va.	1600 Rhode Island Avenue, N. W.
†Nolan, James Francis A. B., George Washington University	D. C.	1750 Massachusetts Avenue, N. W.
Norcross, Harold Leslie University of Colorado; California University	Colo.	Y. M. C. A.
Osmond, Alfred Wendell Utah Agricultural College	Utah	1610 Que Street.
Ostrolenk, Samuel Lehigh University	N. Y.	112 Varnum Street, N. W.
Overstreet, Walter Everett	D. C.	493 House Office Bldg.
Paisley, William Addison	Ala.	Apt. 43, 1730 M Street N. W.
†Pan, Chien Ching B. S. 1918, B. A. 1919, University of Nanking, China; M. A. 1920, Columbia University	China	16 4th Street, S. E.
Parker, William Merrick	D. C.	1815 Riggs Place, N. W.
Partridge, Alma Blanche	D. C.	Observatory Apt., Wisconsin Avenue.
†Patterson, George Snyder University of Iowa	D. C.	1325 Taylor Street, N. W.
*Patterson, John Howell, Jr. A. B., 1919, Davidson College, N. C.	Fla.	221 East Capitol Street.
Patterson, Paul Lorraine Drury College	Mo.	166 House Office Bldg.
Pence, Frederick Garland	D. C.	1720 Minnesota Avenue, S. E.
*Perley, Frank Morrison	D. C.	48 T Street, N. W.
Perlman, Rebecca A. B., 1921, George Washington University	D. C.	608 Louisiana Avenue, N. W.
Perrie, Alvin Lloyd University of Maryland	Md.	College Park, Md.
Perry, Arthur Calvin Texas University; George Washington University	Tex.	Y. M. C. A.

<i>Name</i>	<i>Legal Residence</i>	<i>Address</i>
Perryman, Manie Columbus	N. C.	1326 L Street, N. W.
Peterson, Robert Karl	D. C.	2015 Eye Street, N. W.
†Petitte, James Kane	N. Y.	2014 G Street, N. W.
B. S., 1919, Bucknell University		
†Petty, Joe Nicholas	Ala.	1727 F Street, N. W.
Phelps, George Horace	Idaho	3034 Cambridge Place.
University of Idaho		
Phillips, Stanley Bryan	Ky.	1332 I Street, N. W.
Pickett, Charles	Va.	1301 K Street, N. W.
†Pickett, Fred Bryan	Ind.	Gen. Del.
Earlham College		
Pierce, Carrah Ola	Miss.	1830 L Street, N. W.
B. S., 1913, Mississippi State		
College for Women		
†Pierson, Stanley Bird	N. J.	812 1st Street, S. E.
George Washington University		
Platt, James Lee	S. C.	2311 14th Street.
B. S., 1921, The Citadel,		
Charleston, S. C.		
*Ponge, Walter Staples, Jr.	Va.	1757 K Street, N. W.
Hampden-Sidney College		
Poindexter, Mattie Jane	Ky.	707 22d Street, Apt. 10.
A. B., 1921, George Washing-		
ton University		
Pollitt, Mima Riddiford	Ohio	2012 O Street, N. W.
A. B., 1918, University of Cin-		
cinnati		
Prettyman, Charles Wesley	D. C.	1753 N Street, N. W.
George Washington University		
*Priest, Roy Rife	Tex.	742 Rock Creek Church Road.
University of Texas		
*Proctor, Gwynne Radcliffe	D. C.	712 20th Street, N. W.
Pryor, George Wilfred	Md.	86 Poplar Avenue, Takoma
		Park, Md.
Pulliam, Robert William	N. C.	Department of Agriculture,
University of North Carolina		
Pusey, Lewis Barron		
Brown University; George		
Washington University		
†Ralls, Oscar Blount, Jr.	Md.	Office of Home Economics,
U. S. Naval Academy; Johns		Room 4238, Geological Survey.
Hopkins University; Univer-		
sity of Bordeaux	D. C.	Army and Navy Club
Rappaport, Harry Mac	D. C.	1117 17th Street, N. W.
George Washington University		
Ratcliff, Clyde Charles	La.	918 F Street, N. W.
Louisiana State University		
Ratcliffe, Sue James	N. Y.	The Rochambeau, No. 811.
Reams, Charles Everette, Jr.	Va.	140 S Street, N. W.
University of Virginia		
Reardon, Grace Elizabeth	N. Y.	I-K Bldg., Government Hotels.
Ph. B., 1908, Syracuse Uni-		
versity		
*Redway, Georgia	D. C.	1213 O Street, N. W.
†Reed, Mary Barbara	Ohio	1621 Massachusetts Avenue.
Ohio State University		
Reed, Paul Clinton	La.	280 House Office Bldg.
George Washington University		
Reese, William Emmitt	W. Va.	1513 28th Street, N. W.
George Washington University		
Reynolds, John Bernard	Minn.	621, Y. M. C. A.
Rhodes, Marion Benjamin	Ma.	The Northumberland, Apt. 102.
A. B., 1922, University of		
Missouri		
Rick, John Henry	D. C.	1622 30th Street, N. W.
University of Pennsylvania;		
Towne Scientific School		
Ricketts, Ralph Albert	D. C.	1442 Harvard Street, N. W.
Ringle, David, Jr.	D. C.	2032 Eye Street, N. W.
George Washington University		



# FIRST YEAR CLASS

305

Name	Legal Residence	Address
Roach, Jackson King University of Missouri	Mo.	236, House Office Bldg.
Rogers, Otho Larkin Mississippi College	D. C.	1816 L Street, N. W.
Rosenthal, Irving Arthur	N. J.	682 Q Street, N. W.
Rowe, James Milton George Washington University	D. C.	1401 Columbia Road, N. W.
Rudolph, Robert Irving B. S. in Chem. E., 1921, Catho- lic University	D. C.	3712 Keokuk Street.
†Rush, Joseph Branson, Jr.	Va.	2240 Ontario Road.
Russell, Paul Ray George Washington University	D. C.	1420 Crittenden Street, N. W.
St. John, Charles Edmund A. B., 1921, Princeton Univer- sity	Tenn.	1426 M Street, Manchester Apt.
*Sammon, William Bryan University of Wyoming	Wyo.	1641 R Street, N. W.
Savage, Robert Lee, Jr. George Washington University	D. C.	717 Upsher Street, N. W.
Scharenberg, Raymond Walter	Iowa	1435 Fairmont Street.
Scheufler, Edward Lipphardt George Washington University	Kans.	Y. M. C. A.
†Schroyer, Thomas Lawson	Md.	1024 17th Street, N. W.
Seaton, Arthur J. State University of Iowa	Iowa	62 The Cumberland, Thomas Circle.
Shaner, Maurice Painter	Pa.	Y. M. C. A.
Sharp, Alton Byron University of Michigan	Mich.	276 Vine Street, Takoma Park.
Shaw, Howard Knott A. B., 1921, George Washing- ton University; University of Alabama; Swarthmore Col- lege	N. J.	1100 Vermont Avenue, N. W.
Shenberg, Irving	N. J.	632 Que Street.
Shields, Jamie Foster	Tenn.	V-W Bldg., Government Hotels.
†Shoenhofer, Edward Joseph	Kans.	1633 Hobart Street, N. W.
†Shore, William Cowley New York University; Hunter College	N. Y.	1760 Kenyon Street.
Silva, Pablo Macasaet University of the Philippines	P. I.	1817 F Street, N. W.
†Silverman, Joseph Melvin	D. C.	1212 Union Street, S. W.
*Simering, Chauncey Lloyd Columbia University	N. Y.	928 S. C. Avenue, S. E.
Simmons, William Van Amberg George Washington University	Miss.	2466 Ontario Road, N. W.
*Sirica, John Joseph	D. C.	942 E Street, N. W.
†Slechta, Marie	Iowa	1804 G Street, N. W.
Smallwood, John Marshall University of Arkansas; Uni- versity of California	Ark.	1829 10th Street, N. W.
Smith, Finney Bascom Grad. U. S. Naval Academy, 1915	Pa.	4901 16th Street, N. W.
Smith, Howard Jerome	D. C.	1411 Rhode Island Avenue, N. W.
Smith, Martha V.	Ill.	58 S Street, N. W.
†Smith, Robert Palmer	D. C.	1405 Girard Street, N. W.
Smith, Stanley Phillips A. B., 1917, University of Michigan; A. M., 1920, Co- lumbia University	Mich.	University Club.
Smithwick, William Vereen Emory College; George Wash- ington University	Fla.	2280 California Street, N. W.
Smyth, Walter Weyler Colgate University; Yale Uni- versity	Conn.	1016 15th Street.

<i>Name</i>	<i>Legal Residence</i>	<i>Address</i>
Soderberg, Milton Alexander B. S., 1917, University of California	Calif.	1736 G Street, N. W.
Somers, Milton Michael A. B., 1920, Western Maryland College	Md.	1739 Newton Street, N. W.
†Sonfield, George McNeill University of Texas	Tex.	Colonial Hotel.
Sorenson, John Peter	N. Y.	1432 M Street, N. W.
Spoerri, James Fuller University of Chicago	Ill.	304 House Office Bldg.
Sporrer, Michael Joseph	Mich.	1741 Q Street, N. W.
†Sprinkle, Jesse Franklin	Mont.	The Chastleton Apts.
Stanton, Oscar David A. B., Denver University; B. S., Colorado Agricultural College	D. C.	3310 Ross Place.
Stetson, Ralph Goss B. S. in Commerce, School of Commerce and Finance, Northeastern College, Boston, Mass.	Me.	1736 G Street, N. W.
Stevens, James Edelbert George Washington University	Ind.	720 10th Street, N. W.
Stewart, Ernest Lee	W. Va.	1371 Columbia Road.
†Stimpson, George William	D. C.	1115 9th Street, N. W.
*Stirling, Harold Van Aken Ohio State University	Ohio	4519 Georgia Avenue, N. W.
Stone, Orlando W.	Pa.	Apt. 7, 2129 18th Street, N. W.
Stormont, Donald Sutherland George Washington University	D. C.	223 S Street, N. E.
Stout, Morris Van Zandt	D. C.	1444 W Street, N. W.
*Streeter, Wallace Nelson	Minn.	379 House Office Bldg.
Stuart, James Edwin Emory and Henry College	Va.	Y. M. C. A.
*Sturgis, Hugh Legare A. B., 1921, George Washington University; University of South Carolina	Md.	Department of State, Diplomatic Bureau.
*Sturtevant, William North Yale University	D. C.	2110 LeRoy Place.
Stutz, Frederick Harold Denison University	Ohio	3320 16th Street, N. W.
Sullivan, Julia Patricia	Md.	1368 Kenyon Street, N. W.
Sweeney, Mary Theresa	N. Y.	1709 Q Street, N. W.
Tabb, Rose Edith	D. C.	1330 8th Street, N. W.
Tackwell, Hazel Estella	Kans.	4123 8th Street, N. W.
*Taylor, Benjamin Franklin, Jr. University of Illinois	Ill.	3515 14th Street, N. W.
Tebbs, Richard Henry Virginia Polytechnic Institute; University of Virginia	Va.	1884 Columbia Road, N. W.
Temin, Henry George Washington University	D. C.	515 4½ Street, S. W.
Tester, John Daniel	Mass.	1335 E. Capitol Street.
Thomas, Charles Samuel B. S., 1918, Harvard University; Beloit College	Ill.	3320 16th Street, N. W.
Thomas, Donn Birkhead	D. C.	1621 Hobart Street, N. W.
Thorne, Talmadge Milton	Va.	Falls Church, Va.
Tilton, Albert Chase	N. H.	The Sherman Apts.
Tinley, David Palma Emory University	Ga.	1846 Kenyon Street, N. W.
Todd, Oswald Newton	Pa.	1204 Girard Street, N. W.
†Toohill, Chester Joseph Georgetown University	Mass.	George Washington Inn.



# FIRST YEAR CLASS

307

Name	Legal Residence	Address
Tourover, Raphael B. S., Engineering, 1920, Northampton Polytechnic In- stitute	D. C.	637 F Street, S. W.
Tracy, Stanley James George Washington University	Utah	2466 Ontario Road.
Turco, Joseph Charles	D. C.	228 2d Street, N. W.
Tweed, Mary Reiley	Pa.	1457 Belmont Street, N. W.
Tyler, Carl Walter	D. C.	1428 A Street, N. E.
Uhler, Theodore Clay B. S., in Econ., 1917, Univer- sity of Pennsylvania	D. C.	1433 Euclid Street.
†Uhrin, Michael William	Pa.	1216 Columbia Road.
Vandegrift, John Leslie George Washington University	D. C.	646 9th Street, N. E.
*Virts, Henry Alan	Va.	1409 L Street, N. W.
*Voelker, Arthur Hugo George Washington University	Utah	1212 N Street, N. W.
Von Eiff, Edgar Louis State College of Maryland	D. C.	631 B Street, N. E.
Waddell, James Edward Grad. U. S. Naval Academy; Illinois University	Ill.	The Toronto Apt., 20th and P Streets.
Wagner, William Alvin	Pa.	103 Rhode Island Avenue, N. W.
Wagonseller, Earl Amos George Washington University	Ill.	738 Rock Creek Church Road.
†Wallace, Waverly Oklahoma University	Okla.	221 E. Capitol Street.
Walsh, John Butler George Washington Univer- sity; University of Pennsyl- vania	D. C.	202 East Capitol Street.
Waring, Paul Edward B. S., University of Pennsyl- vania; George Washington University	D. C.	1423 Newton Street, N. W.
Warlick, Alton A. Southwestern State Normal School, Weatherford, Okla.	Okla.	2650 Wisconsin Avenue, N. W.
Weaver, William B. Alabama Polytechnical	Ala.	Patent Office.
Weigester, William Frederick B. S., 1918, Pennsylvania State College	Pa.	1829 10th Street, N. W.
Wellborn, W.	D. C.	1437 Monroe Street, N. W.
Whitney, Courtney	Md.	Bolling Field, D. C.
Whitson, Edmund Stuart	D. C.	150 R Street, N. E.
†Whyte, Russell Irving A. B., 1921, George Washing- ton University	D. C.	2503 14th Street, N. W.
Wiles, Walter Erasmus University of North Carolina; George Washington Univer- sity	N. C.	Apt. 8, The Tension.
Wilgus, Fillmore Ph. B., 1915, Denison Univer- sity; Ohio State University	Ohio	400 B Street, N. E.
*Williams, Lewis Standing	Pa.	1624 Monroe Street, N. W.
Williams, Miriam Hayden	D. C.	1700 Lamont Street.
*Willis, Benjamin Coppage St. Johns College; George Washington University	Md.	1603 Massachusetts Avenue, N. W.
Wilson, Nathaniel Claiborne	Va.	1448 Rhode Island Avenue.
Wilson, Robert Whipple Oregon Agricultural College	D. C.	Patent Office, Division 21.
Wilson, Stephen Askew University of Illinois; Harvard University	Ill.	1919 Belmont Road.

Name	Legal Residence	Address
Wiseheart, Malcolm Boyd Northwestern School of Commerce, Chicago, Ill.	Ill.	Y. M. C. A.
Wolcott, George Milton	Wis.	1234 Crittenden Street, N. W.
†Wood, Karl Parrish	D. C.	1303 Fairmont Street, N. W.
†Wood, William Nicholas A. B., 1914, Princeton University	Va.	1449 N Street, N. W.
Woolery, John University of Tulsa	Okla.	1430 N Street, N. W.
†Wright, Burdette Shields B. S. in E. E., 1915, Purdue University	Va.	Windsor, Mt. Vernon Avenue, Alexandria, Va.
Wright, Howard Bragg	Va.	2006 F Street, N. W.
Wright, John Elmer U. S. Naval Academy	Pa.	707 20th Street, N. W.
Wright, Joseph Douglas Colorado College; University of Minnesota	Colo.	932 23d Street, N. W.
Wright, Meadow Hampden-Sidney College; Temple University	Va.	3162 Mt. Pleasant Street.
†Yardley, Richard	Va.	706 Hurley Wright Bldg.
Yates, Isabel Diffenderfer A. B., 1919, Goucher College	D. C.	1836 Eye Street, N. W.
Yokum, Otis Moncrief	D. C.	920 Maryland Avenue, N. E.
*Zapanta, Emeterio	P. I.	410 14th Street, N. W.
*Zimmerman, Carl Dressler	Utah	2311 North Capitol Street.
*Zirkle, Wilmer David	Va.	Y. M. C. A.
Zlotnick, Henry David	Mass.	1855 Calvert Street, N. W.

## Second Year Class

Altschul, Arthur	Va.	1440 Meridian Place.
Anderson, Joseph Nelson	Va.	60 Randolph Place, N. W.
Anderson, Robert Nelson A. B., 1921, George Washington University	Va.	60 Randolph Place, N. W.
Armstrong, Robert Douglas A. B., 1915, Indiana University; A. M., 1917, University of Wisconsin	Ind.	1337 Perry Place, N. W.
Ashman, John Henry George Washington University	Wash.	121 11th Street, N. E.
Audas, Edith Ruth A. B., 1915, Syracuse University	N. Y.	8444 Mt. Pleasant Street.
Babcock, George Woodman	D. C.	1636 Kenyon Street, Apt. 28.
Bailey, Elizabeth Margaret A. B., 1919, Vassar College; Vanderbilt University	Md.	1844 Columbia Road.
Barco, Ernest Terrill A. B., University of Florida	Fla.	Apt. 5, 1448 Park Road.
Barnard, Philip Essery Exeter College, Oxford, Eng.; The Inner Temple, London	D. C.	1429 Rhode Island Ave.
*Barnhill, Josephine Mary	D. C.	Apt. 7, 1408 L Street, N. W.
Barr, Joseph Fischer	Mass.	1115 9th Street, N. W., Apt. 4.
Barrett, Joe Clifford A. B., 1920, University of Arkansas	D. C.	1736 G Street, N. W.
Basseches, Jacob Thomas A. B., 1920, George Washington University	N. Y.	1814 Riggs Place.
Bauman, Walter Michael University of Nebraska	Neb.	734 15th Street, N. W.
Beall, Thomas Emmert George Washington University	D. C.	3607 Newark Street, N. W.



<i>Name</i>	<i>Legal Residence</i>	<i>Address</i>
Behne, Joe Carrol Oklahoma University	Okla.	Y. M. C. A.
Behne, Tom Darl Oklahoma University	Okla.	Y. M. C. A.
Belden, Lillian Catherine Ph. B., 1918, Hiram College	Ohio	1861 Irving Street.
Bell, Alexander Hamilton, Jr.	D. C.	1726 M Street, N. W.
Berman, Louis Hyman George Washington University	D. C.	1240 7th Street, N. W.
Bingaman, Clara Merrick Highland Park College; State University of Iowa	Iowa	P-Q Bldg., Government Hotels.
Bird, James Frederick Maryland State College	D. C.	1786 G Street, N. W.
Birmingham, Charles Henry George Washington University	D. C.	1783 N Street, N. W.
*Boteler, Charles M.	D. C.	616 North Carolina Avenue, S. E.
Boudinot, Frank J., Jr.	Okla.	1816 Ingleside Terrace.
Bradley, Frederick Moffat	D. C.	1601 28th Street, N. W.
†Brady, Lawrence William Grinnell College; Leland Stan- ford University; State Uni- versity of Iowa; University of Chicago	Iowa	1400 L Street, N. W.
Bromberg, John Louis University of Southern Ten- nessee; George Washington University	Ala.	Y. M. C. A.
Brown, Virginia May Hollins College	Ala.	Apt. 402, The Congressional.
†Buchanan, Douglas Riley Massachusetts Institute of Technology	Mass.	University Club.
Buckner, Robert William A. B., 1917, Fairmount College	Kans.	218 Ethan Allen Avenue, Ta- koma Park, Md.
Burdick, Bernard Franklin University of Chattanooga; George Washington Univer- sity	Ala.	1783 N Street, N. W.
Burns, James Patrick Montana State College	D. C.	739 Princeton Place, N. W.
Burris, Evan Weisiger Southwestern University	Tex.	1432 M Street, N. W.
Burton, George John	N. Y.	420 Randolph Street, N. W.
Bush, Ada Lillian Illinois State Normal Univer- sity	Ill.	3311 13th Street, N. W.
Butler, George Henry	N. D.	1829 19th Street, N. W.
Cain, Clara Janet	Ala.	Apt. 207, Tudor Hall.
Callister, Norval Eddington	Utah	3151 Mt. Pleasant Street, N. W.
Carr, Raymond Leroy A. B., 1919, Harvard Univer- sity	Mass.	2800 14th Street, N. W.
Carson, Byron Gould	Mass.	Riverdale, Md., P. O. Box 235.
Cashatt, Ivey Wesley University of North Carolina	N. C.	1327 10th Street, N. W.
Cates, Ronald Edward George Washington University	Iowa	1783 N Street, N. W.
*Chen, Ta Chilton, William Eugene Virginia Polytechnic Institute	China Va.	112 3d Street, N. E. 702 19th Street, N. W.
Chisholm, Theodore Livings B. E., 1919, Johns Hopkins Uni- versity	Md.	Apt. 4, 1755 Columbia Road.
Clark, Ben Rollin A. B., 1918, University of Michigan	Mich.	1736 G Street, N. W.
*Clark, Marion Maybelle Bay Path Institute	Conn.	1829 Belmont Street, Apt. 32.

Name	Legal Residence	Address
Clarke, Nell Ray Randolph-Macon Woman's College; University of Virginia	D. C.	Apt. 516, The Rochambeau.
Coe, Conway Peyton A. B., 1918, Randolph-Macon	Md.	1401 Columbia Road, N. W.
Collins, Alvin Bruce	Va.	2028 N. Capitol Street.
*Conwell, Donald Elmer	Okla.	No. 8 Iowa Circle.
†Council, Charles D. University of Pittsburgh	N. C.	1156 15th Street, The Colonial.
*Crofut, Hobart Lee Stanley	N. J.	Arlington, Va.
Cutting, John Herman	Vt.	113 5th Street, S. E.
Dahlquist, Scott Anthony Utah Agricultural College;	Utah	1784 K Street, N. W.
University of California		
Daily, Allan Frederick	Utah	2606 University Place, N. W.
*Dale, Gertrude	D. C.	114 Copley Courts, 17th and Church Streets.
Davidove, Emanuel Maurice Carnegie Institute of Technology	D. C.	711 P Street, N. W.
Degnan, George Aloysius B. S. in M. E., 1919, George Washington University	Pa.	1122 5th Street, N. W.
Diaz, Benito Dacanay	P. I.	1747 E Street, N. W.
Diedel, Caroline Virginia	D. C.	1400 Newton Street, N. W.
*di Girolamo, Vincenzo	Italy	1400 New Hampshire Avenue.
Dodd, Alice Mary	N. Y.	1338 Oak Street, N. W.
*Doi, Kiyochi University of Illinois	Hawaii	No. 1 Iowa Circle.
Doxtater, Jacob Harrison University of Wisconsin	Wis.	1520 P Street, N. W.
Duell, Howard Snider	N. D.	1743 P Street, N. W., Apt. 41.
Duggan, Kathleen	Ga.	1300 Massachusetts Ave., N. W.
Dunbar, John Thomas	D. C.	153 B Street, S. E.
Duncan, Grace Marian	Iowa	1529 Belmont Street.
Dunker, Will Frank	Iowa	1005 The Chaumont.
†Dymond, Hart Manly	Pa.	2164 Florida Avenue, N. W.
Eastlack, John Earl	Iowa	1186 7th Street, N. E.
Eden, Fred J. Hope College, Holland, Mich.	Ill.	1537 Eye Street, N. W.
Ellis, George Stoughton George Washington University	D. C.	8016 13th Street, N. W.
Ellis, Lee Elbert University of Chattanooga	Ala.	1819 G Street, N. W.
*Ellis, Ralph Neely Drake University	Iowa	Y. M. C. A.
Engelhart, George Kemp Iowa State College	Ill.	3800 14th Street, N. W., Apt. 119.
Espey, Henry Clay	D. C.	57 Adams Street, N. W.
Espey, Howard Hamilton George Washington University	D. C.	2010 First Street, N. W.
Ferris, Lester Francis	D. C.	638 A Street, S. E.
*Finagin, Le Roy	D. C.	1002 Savannah Street, S. E.
*Fleming, John Paton A. B., 1913, George Washington University	Va.	1861 Wyoming Avenue.
Ford, Julia Louise George Washington University	D. C.	828 11th Street, N. E.
Foster, Louise Trimble A. B., 1918, Millikin University; Drury College	Mo.	2023 Q Street, N. W.
†Fowler, Ralph Starr University of Missouri; University of Wisconsin	D. C.	1816 Kenyon Street, N. W.
Fraser, Francis Lucien	Md.	Forest Glen, Md.



## SECOND YEAR CLASS

311

Name	Legal Residence	Address
Fraser, Malcolm Wicks George Washington University; Virginia Military Institute	N. Y.	1026 Vermont Avenue.
French, William Thomas	D. C.	Clarendon, Va., 224 Beach Street.
Frey, John Charles University of Illinois	D. C.	Y. M. C. A., Box 202.
Fryer, William Thomas St. John's College	Md.	1600 Rhode Island Avenue.
Gall, John Christian The Citadel College, Charleston	S. C.	1834 Ontario Place.
Gibson, Jonathan Catlett	Va.	2429 34th Place, Cleveland Park.
*Goley, Lawrence L.	Ill.	3320 16th Street, N. W.
Gray, Alan Eggleston A. B., 1921, University of North Dakota	N. D.	Apt. 2, 1440 R Street, N. W.
Greene, Aldie Ross A. B., 1916, Albion College, Albion, Mich.; University of Michigan	Mich.	Patent Office.
Gregg, Alexander White Austin College, Sherman, Tex.; George Washington University	Tex.	Office of Solicitor of Internal Revenue.
Gregory, Harold DeLancey M. E., 1920, Stevens Institute of Technology	D. C.	1733 N Street, N. W.
Gulick, George	D. C.	2020 Warder Street.
Hale, Ralph Cochran George Washington University	Tenn.	644 Eye Street, S. W.
Hamilton, George Welker	Pa.	1740 K Street, N. W.
Harriman, Henry Osgood Colby College	Mass.	3810 Alton Place, N. W.
Hatcher, James Chandler A. B., 1921, George Washington University	Ala.	505, Y. M. C. A.
*Hawley, Harry Regan University of Idaho	Idaho	1502 21st Street.
Hazel, Joseph William George Washington University	D. C.	The Dresden.
Heflin, Cecil Randolph A. B., 1917, William and Mary College	Va.	1618 H Street, N. W.
Held, Everett Whitmore	D. C.	The Olympia.
Henderson, Oliver Vanderbilt University	Ala.	613 Ouray Bldg.
Herr, George Swartz	Pa.	1736 G Street, N. W.
Herrman, David Cornell University; New York State Teachers' College	D. C.	1506 Irving Street, N. E.
*Hinckley, Heber Grant	Utah	3734 Kanawha Street, Chevy Chase, D. C.
†Hoch, August Hermes A. B., A. M., Indiana State University	Ind.	
Holland, Louis Clifford Valparaiso University	Ind.	1225 11th Street, N. W.
†Hollingworth, Roger P.	D. C.	5614 14th Street, N. W.
Hough, Roscoe Rhodes West Virginia University	W. Va.	2311 14th Street, N. W.
*Hughes, William Arthur B. S., 1913, Union University,	N. Y.	1440 Harvard Street, N. W.
Humphrey, Thomas Kenneth	Minn.	307 Senate Office Bldg.
Hunt, Drexel Bernard Butler College, Indianapolis, Ind.	Ind.	2314 18th Street, N. W.

<i>Name</i>	<i>Legal Residence</i>	<i>Address</i>
Hunter, Donald Van Osdol Indiana University	Ind.	1354 Monroe Street, Apt. 6.
Hunter, William Armstrong A. B., 1917, University of Chicago	Idaho	Y. M. C. A.
Hurley, Fitzhugh Lee University of North Carolina; George Washington University	D. C.	1603 Massachusetts Ave., N. W.
Jennings, Charles Boyd University of Idaho	D. C.	Y. M. C. A.
Jensen, Clarence G. George Washington University	D. C.	1706 F Street, N. W.
Jordan, Joseph Abner	Ga.	3121 Mt. Pleasant Street.
Jordan, Lucian	W. Va.	1741 T Street, N. W.
Keiser, Clarence Cyrus George Washington University	Md.	Bethesda, Md.
Kennedy, Edwin Russell, Jr.	D. C.	1753 N Street, N. W.
King, Chester E.	Ill.	2524 17th Street, N. W.,
Kline, Virgil Claude B. S. in Education, 1917, University of Missouri	Mo.	Patent Office.
LaFleur, Alexander Springfield College; Colby College	Me.	1607 16th Street, N. W.
Leiden, Cyril Edward George Washington University	Pa.	3320 16th Street, N. W.
Levy, Denise Janet	D. C.	4521 9th Street, N. W.
Levy, Oscar Isaac B. S., 1914, M. S., 1916, University of Chicago	La.	4521 9th Street, N. W.
Lloyd, William Kenyon U. S. Military Academy	D. C.	Farragut Apts.
London, Samuel Mark	Pa.	632 Que Street, N. W.
Loop, Edwin Albert Beloit University; University of Montana	Ill.	304 House Office Bldg.
Mack, Carl Theodore E. E., 1917, Lafayette College	Pa.	1208 Decatur Street, N. W.
Marshall, Carl A.	Va.	1409 Belmont Street, N. W.
Mason, Laura Belle B. S., 1910, Vanderbilt University	Tenn.	1730 M Street, N. W., Apt. 45.
Melton, Heath Alexander A. B., 1920, Emory and Henry College	Va.	1736 G Street, N. W.
Mericle, Harold Francis James Millikin University; Illinois State Normal University; George Washington University	Ill.	Mt. Rainier, Md., Box 336.
Miles, Raymond Andrews B. S. in E. E., 1915, Ohio State University	N. Y.	504 Tulip Avenue, Takoma Park, Md.
Miller, Elvie Earl	Tex.	139 Quincy Place, N. E.
Miller, Walter Ferdinand	Pa.	1311 K Street, N. W.
Monroe, Paul Eugene A. B., 1916, Newberry College.	N. C.	1412 15th Street, N. W.
Moore, John Henderson George Washington University	D. C.	The Wyoming, Apt. 209.
Moore, Raymond Lester University of Pennsylvania;	Pa.	1509 R Street, N. W.
Morina, Ferdinando	D. C.	1323 M Street, N. W.
Morrissey, Edward Martin	Utah	Y. M. C. A.
Morse, Ralph Lyter Albion State Normal; University of Idaho	D. C.	1100 Vermont Avenue, N. W.



# SECOND YEAR CLASS

313

Name	Legal Residence	Address
Muir, Henry Knight	D. C.	1615 Webster Street, N. W.
Myers, Frank Hammett	D. C.	3754 McKinley Street.
Myres, Eustis	Tex.	1783 N Street, N. W.
*McBride, Ernest Hubbard	N. D.	921 9th Street, N. W.
Valparaiso University; University of Chicago		
McCarthy, Walter Turpin	Va.	Cherrydale, Va.
George Washington University		
McClure, John Elmer	W. Va.	Apt. 513, Clifton Terrace.
University of Chicago		
McMurray, Paul Hayden	Tex.	1322 Massachusetts Avenue.
Simmons College		
McPherson, Joe Francis	Mo.	1746 K Street, N. W.
George Washington University		
Nelson, Gustaf Arthur	Minn.	752 Rock Creek Church Road.
Nichols, Samuel Cryslar, Jr.	N. Y.	610 6th Street, N. W.
Nicholson, Blake Edwin	D. C.	1440 N Street, N. W.
West Virginia University		
Nicholson, William	D. C.	606 Southern Bldg.
Argos College; University of Detroit, Mich.		
Noe, Edward Terris, Jr.	Pa.	U. S. Patent Office.
B. S. in E. E., 1914, University of Pennsylvania		
Nutt, Roland Leo	Ill.	1018 Munsey Bldg.
Ober, George Clarke, Jr.	D. C.	123 B Street, S. E.
Johns Hopkins University; George Washington University		
Page, Hardy Barcalow	D. C.	The Ontario.
Grad. U. S. Naval Academy		
Parker, Albert Benjamin	Va.	1720 Willard Street, N. W.
University of Virginia		
Parkinson, Kenneth Nuttall	Idaho	Business High School.
A. B., 1913, Brigham Young University		
Parks, Thomas Wright	S. C.	3320 16th Street, N. W.
Clemson College		
Parnaby, Robert William	Md.	Mansfield Apartments.
Perlmán, Milton Morton	D. C.	608 Louisiana Avenue, N. W.
University of Pennsylvania		
Peterman, James Cuyler	La.	505 Clifton Terrace, East.
U. S. Military Academy; Tulane University		
Porter, Charles Wallace	Ohio	1817 Euclid Street, N. W.
A. B., 1921, George Washington University		
Potter, Perry Bryan	Va.	1627 K Street, N. W.
Washington and Lee University		
*Price, Chester Franklin	Ala.	3320 16th Street, N. W.
Ptak, Vaclav James	Ark.	Y. M. C. A.
A. B., 1920, University of Arkansas		
Randolph, Elwood Wesley	Conn.	909 7th Street, S. E.
Reese, Francis Sydney	Md.	1739 N Street, N. W.
Reid, Don C.	Iowa	1432 M Street, N. W.
University of Iowa; George Washington University		
Reid, Neil Ewart	N. D.	1314 14th Street, N. W., Apt. 2.
Reiff, Joseph Slingluff, Jr.	D. C.	1511 22d Street, N. W., Apt. 204.
Robinson, Albert Franklin	D. C.	702 19th Street, N. W.
A. B., 1919, Colby College		
Robinson, Emery	Mass.	932 O Street, N. W.

Name	Legal Residence	Address
Robinson, Stephan Boatwell Grad., 1912, U. S. Naval Academy	D. C.	The Cairo Apt.
Roche, Leo Henry Catholic University	Conn.	25 T Street, N. W.
Rogers, William Addison Rensselaer Polytechnic Institute	D. C.	1756 Lamont Street.
Rowley, Frank Smithies University of Michigan	Wis.	5005 18th Street, N. W.
Russell, Frank Edmund Alabama Presbyterian College	D. C.	1736 G Street, N. W.
Schwab, Clara Virginia	Va.	822 S. Washington Street, Alexandria, Va.
Schwartz, Abraham Nathan University of Maryland	D. C.	442 H Street, N. W.
Seydell, Harry Maurice State University of Iowa	Iowa	1815 Belmont Street, Apt. 38.
Shalkewitz, Rose Sylvia	Va.	5521 Potomac Avenue, N. W.
Sheppard, Norman Bishop A. B., 1917, Yale University	Conn.	3136 24th Street, N. W.
Sherman, David Louis	N. Y.	60 Rhode Island Avenue, N. W.
Shoop, James Harper P. D., 1917, Philadelphia College Pharmacy	Pa.	1811 K Street, N. W.
Shrader, Perry William University of Kansas	Kans.	1829 California Street, N. W.
Simmons, Verne Phil University of Missouri	Mo.	1829 10th Street, N. W.
Sledd, Susie Marion	Va.	Tudor Hall, 926 Massachusetts Avenue.
Smith, Edward Rollie	Ky.	25 Rhode Island Avenue.
*Sommerkamp, Frank Marcrum, Jr. University of Georgia	D. C.	Room 203, Y. M. C. A.
Springston, George Baillie A. B., 1921, George Washington University	Ill.	1100 Vermont Avenue, N. W.
Stearns, Orlo Foster George Washington University	Md.	Patent Office.
Steely, Maye	Ala.	1426 M Street, N. W.
Stephens, Ernest Wright Yankton College, S. D.	S. D.	3320 16th Street, N. W.
Stewart, Ralph Berry B. S., 1915, Clemson College; M. E., 1917, Cornell University	S. C.	1802 R Street, N. W.
Stone, Henry Charles A. B., 1917, Wesleyan University	Conn.	826 Woodward Bldg.
Strayer, Amanda Zella University of Michigan	Ohio	4014 14th Street, N. W.
Stryker, Daniel Ph. B., 1916, Yale University	N. Y.	Washington Loan & Trust Bldg.
Tabler, Otis Francis Richmond College	Va.	2123 California Street, N. W.
†Taylor, Beloit University of Arkansas; Southern Methodist University	Ark.	1618 H Street, N. W.
Taylor, Preston Phillips A. B., 1913, William and Mary College	Va.	154 Arlington Bldg.
*Tech, Ruth Catherine	Ind.	Government Hotels, P-Q, Bldg.
Thomas, William Joseph Washington and Lee University	D. C.	652 E Street, N. E.
Thompson, Glenn M.	Ind.	Roslyn, Va.
*Tinnerman, Clifford Lowell Ohio State University	Ohio	2511 14th Street, N. W.



## THIRD YEAR CLASS

315

Name	Legal Residence	Address
Totah, Selim A. B., 1916, Earlham College	N. Y.	1214 14th Street, N. W.
Trout, George Alexander A. B., 1915, University of Denver	Colo.	1786 G Street, N. W.
Vollmer, Milton Robert	Va.	2145 P Street, N. W.
Wallace, Pauline Goldie	D. C.	108 Baltimore Avenue, Takoma Park, D. C.
Walter, Arthur Henry George Washington University	Ky.	3121 Mt. Pleasant Street.
Watzman, Percy George Washington University	D. C.	25 Eye Street, N. E.
Wells, John Whitfield	Ga.	1832 Biltmore Street, Apt. 24.
Wheeler, Dan Hubert	Mass.	1511 22d Street, N. W.
Wilder, William Franklin George Washington University	D. C.	1528 22d Street, N. W.
Wilhelm, Harold Frederick E. E., 1918, Rensselaer Polytechnic Institute	N. Y.	1402 L Street, N. W.
Williams, Ernest Francis Lafayette College; University of Michigan; George Washington University	D. C.	1235 Madison Street, N. W.
Wilson, John Barnette George Washington University	La.	Sherman Apts.
Winter, Bailey University of California	Tex.	1603 Massachusetts Avenue, N. W.
Wischeart, Raymond Frederick	Ill.	Y. M. C. A.
Wright, Emma DuBois	Pa.	1808 Vernon Street, N. W.
Wright, Stanley Robert Colorado College; University of Minnesota	Minn.	1312 N Street, N. W.
Yale, Miles	Conn.	8719 Keokuk Street, N. W.
Young, Glenn Olen University of Missouri	Mo.	502 E Street, N. E.
Young, Horace Chapman	Ky.	1733 New Hampshire Avenue, N. W.
Young, Vincent Henry	Conn.	2024 King Street, Alexandria, Va.
Zaslowski, Walter	Conn.	457 Massachusetts Avenue, N. W.
Zimmerman, William Ellis, Jr. University of Pennsylvania	Pa.	1603 Massachusetts Avenue, N. W.

## Third Year Class

Adams, Leslie Harold A. B., 1920, George Washington University	D. C.	1637 Harvard Terrace.
Almond, Roger Price Fairmont College, Wichita, Kans.; Kansas University	Kans.	1312 N Street, N. W.
Anderton, Robert Hyde B. S., 1916, Dartmouth College; C. E., 1917, Thayer School of Engineering	R. I.	1760 Columbia Road.
Anthony, Jesse	Ga.	Apt. 21, No. 7 Iowa Circle.
Armstrong, Jasper Henderson University of Tennessee	Tenn.	1603 Massachusetts Avenue, N. W.
Ash, Ray A. B., 1918, West Virginia University	W. Va.	The Cairo.
Bannister, DeVillo Andrew State University of Iowa	S. D.	1539 Eye Street, N. W., Apt. 9.

<i>Name</i>	<i>Legal Residence</i>	<i>Address</i>
Barkman, William Ernest	D. C.	218 8th Street, S. E.
Barlow, Herbert Boutell	R. I.	1736 G Street, N. W.
Ph. B., 1920, Brown University		
Baughman, Thomas Frank	D. C.	1330 Massachusetts Ave., N. W.
George Washington University		
Baxter, Horace Monroe	Mass.	4011 14th Street, N. W.
S. B., in E. E., 1917, Massachusetts Institute of Technology		
Beall, Dorothy Joyce	D. C.	2016 Hillyer Place.
Berg, Casper Robert	Wis.	1827 N Street, N. W.
University of Wisconsin		
Berry, Sydney Griswold	N. J.	Patent Office.
Ch. E., 1910, Columbia University		
Bladen, Ashby Edward	Va.	219 N St. Asaph Street, Alexandria, Va.
George Washington University		
Blanken, David	D. C.	1408 6th Street, N. W.
George Washington University		
Boat, Marion Louis	Iowa	1603 Massachusetts Avenue, N. W.
*Bouve, Clement Lincoln	Md.	Union Trust Bldg.
A. B., 1899, Harvard University		
Bracklow, Willard Hayden	Minn.	Court of Claims.
Brantley, Dwight	N. C.	1104 Vermont Avenue, N. W.
University of North Carolina		
Brantley, Hobart	N. C.	1104 Vermont Avenue, N. W.
University of North Carolina		
Breen, Emma B.	Tex.	The Burlington.
Centenary College, Jackson, La.		
Brown, Barrett Francis	Ohio	Room 824, Department of Justice.
Ohio State University		
Burdick, Robert Cortez	Ala.	1733 N Street, N. W.
A. B., 1917, University of Chattanooga		
Burns, James Alexander	D. C.	217 18th Street, S. E.
Burros, Morris	Conn.	1841 14th Street, N. W.
George Washington University		
Butler, Aaron Prentiss	Vt.	Y. M. C. A.
B. S. in Econ., 1918, University of Vermont		
Callahan, Mildred Ruberta	Va.	2138 Fairfax Street, Alexandria, Va.
A. B., 1919, George Washington University		
Canning, Harold Francis	Me.	1439 Rhode Island Avenue, N. W.
Carloss, Helen Rembert	Miss.	1658 Hobart Street.
A. B. 1913, Mississippi Industrial Institute and College		
Chebithes, Vasilios Isadore	Ky.	702 19th Street, N. W.
A. B., 1916, Centre College of Kentucky		
Cleveland, Washington Irving	Md.	Kensington, Md.
University of Wisconsin		
Cohen, Charles Abraham	N. J.	1539 Eye Street, N. W.
Dickinson College		
Cone, Gilbert Augusta	Tex.	1413 Hopkins Place, N. W.
State University of Texas; Columbia University		
Cone, Naomi Greene	Tex.	1413 Hopkins Place, N. W.
Connelly, Mary Magdalin	N. Y.	1223 K Street, N. W.
Conway, Marcell	D. C.	1510 R Street, N. W.
Cooley, James Paschal	Va.	8 Walnut Street, Clarendon, Va.
University of Virginia		
Corbitt, Jesse Glenn	Ala.	1927 G Street, N. W.
Cornell, Ralph Guy	N. Y.	1250 Monroe Street, N. W.
Covington, Mary S.	N. C.	52 Rhode Island Avenue, N. W.
A. B., 1903, Shorter College, Rome, Ga.		



## THIRD YEAR CLASS

317

Name	Legal Residence	Address
Cox, Jerome Rockhold A. B., 1914, Western Mary- land College	Md.	Y. M. C. A.
Daily, John Ryan	Ill.	1100 Vermont Avenue.
Daugherty, Duncan Wilmer	W. Va.	1313 Rhode Island Avenue, N. W.
*DeBrodes, George Victor Western Reserve Library School; George Washington University	D. C.	The Portner.
Der Bedrosian, Charles	N. J.	Y. M. C. A.
Dieserud, Helge C. B. S. in M. E., 1918, Univer- sity of Illinois	D. C.	1812 K Street, N. W.
Dodson, Frederick William B. S. in Chem., 1917, Massa- chusetts Institute of Tech- nology	D. C.	1330 Montague Street, N. W.
Dolby, Bird Hagen	D. C.	2709 34th Street, Mt. Rainier, Md.
DuVall, Walker Mareen George Washington University	D. C.	2237 Q Street, N. W.
Dworkin, Meyer	Conn.	611 Eye Street, N. W.
Eatman, Phelan Williams Louisiana State University	La.	Care Weather Bureau
Edwards, John James Maryville College	Tenn.	502 Clifton Terrace, South.
Fogle, Charles Dent Ohio University	Ohio	1429 C Street, N. E.
Forbes, William Henry	Mass.	1842 13th Street, N. W.
Fravel, Robert H. A. M., 1906, Randolph-Macon College	Va.	1101 18th Street, N. W.
Friedman, Samuel Aaron	N. Y.	1221 10th Street, N. W.
Gatch, Thomas Leigh Grad. 1913, U. S. Naval Acad- emy	Md.	Office J. A. G., Navy Depart- ment.
Gayle, Catherine Jarvis	Va.	Ft. Myer Heights, Va.
Gediman, Herbert William	Mass.	1782 P Street, N. W.
Gorman, Lois Gates	Pa.	1807 California Street.
Greene, Adelbert Jay A. B., 1916, University of Colorado	Nev.	226 18th Street, S. W.
*Hagner, Leonard Gawthrop Ph. D., 1915, Dickinson Col- lege	Del.	1010 15th Street, N. W.
Hanson, Edward Josephus George Washington University	N. C.	1312 N Street, N. W.
Hardy, Franklin Earl	N. Y.	1422 M Street, N. W.
Harlan, John Graydon University of Pittsburgh	Pa.	647½ G Street, N. E.
Harrah, Eugene B. University of Pennsylvania	D. C.	1633 Newton Street, N. W.
Hartman, Joe University of Chicago	Ohio	1634 Riggs Place.
Hays, Lawrence Brooks A. B., 1919, University of Ar- kansas	Ark.	1312 N Street, N. W.
Hazen, Joseph Harrington George Washington University	N. Y.	1603 Lanier Place.
Henry, Abner Eisaman A. B., Franklin and Marshall College	Pa.	
Hilliard, Benjamin Clark, Jr. State University of Iowa	Colo.	1750 Massachusetts Avenue, N. W.
Hind, Eugene Reed	S. D.	Cherrydale, Va.

Name	Legal Residence	Address
Hodge, David Malcolm A. B., 1919, Swarthmore College	Pa.	1603 Massachusetts Avenue, N. W.
Hoffman, John Edward	Pa.	1424 Harvard Street, N. W.
Holliday, Marion E.	Ill.	1329 Belmont Street, N. W.
Honts, Emory R.	Okla.	1432 M Street, N. W.
*Horsefield, Russell James Washington University, St. Louis; University of Chicago	Mo.	1400 Belmont Street, N. W.
Hostettler, Binas	Ind.	1216 9th Street, N. W.
Huck, Laurie Meriwether University of Texas	Tex.	1312 N Street, N. W.
Hudson, John White A. B., 1920, University of Missouri	Mo.	1604 Hobart Street, N. W.
Huff, Jesse M. E., 1914, Ohio State University	D. C.	523 18th Street, N. W.
Hughes, George Ernest University of Texas	D. C.	1732 P Street, N. W.
Hughes, Sarah Tilghman A. B., 1917, Goucher College	Md.	1732 P Street, N. W.
Hundley, James Curry George Washington University	Calif.	326 11th Street, N. E.
Hunt, Warren Hansell	D. C.	2303 18th Street, N. W.
Hutt, James Brooke U. S. Naval Academy	Va.	1476 Newton Street, N. W.
Ilderton, Blair McKenzie University of Kentucky	S. C.	Y. M. C. A.
Jackson, Albert Leslie University of Texas	Tex.	1736 G Street, N. W.
Jackson, Elmer James Muhlenberg College	Pa.	1603 Massachusetts Avenue.
Jenkins, Ben	Ill.	424 Kenyon Street, N. W.
Katz, William B. S., 1914, College of City of New York	N. Y.	Room 223, U. S. Patent Office.
*Keefer, Arthur Charles Maryland State College	Md.	Fendall Bldg.
Ketner, Henry Ernest	N. C.	1603 Massachusetts Avenue.
Ketner, James Thomas	N. C.	1603 Massachusetts Avenue.
Kilpatrick, Howard Cecil Alabama Polytechnic Institute	Ala.	1618 29th Street, N. W.
Kirby, Homer H. George Washington University	Ohio	1784 K Street, N. W.
Knock, Franklin George Washington University	D. C.	1440 Meridian Place, Apt. 2.
Knowlton, Alfred Smith Macalester College; University of Minnesota	Minn.	2035 Park Road, N. W.
Kuzmiak, John Stephen	Pa.	Y. M. C. A.
Lacy, Olive Beatrice	N. J.	1347 Girard Street, N. W.
Larson, John Emil George Washington University	Me.	1842 Calvert Street, N. W.
Lassen, Earle Charles	Wash.	702 19th Street, N. W.
Lee, Ednah McKinley	D. C.	1309 Quincy Place, N. W.
†Lehnert, William	N. H.	1624 15th Street, N. W.
Lewis, Edward Dench B. S., 1913, Syracuse University	N. Y.	Apt. 4, 1813 F Street, N. W.
*L'Honnmedieu, Samuel	D. C.	Oxford Avenue, Del Ray, Va.
Littell, Nelson A. B., 1920, George Washington University	Ind.	1830 Kenyon Street, N. W.



## THIRD YEAR CLASS

319

<i>Name</i>	<i>Legal Residence</i>	<i>Address</i>
Lodge, Thomas Ellis	Del.	Y. M. C. A.
Longstreet, William Carl, Jr. B. S. in Econ., 1910, University of Pennsylvania	N. J.	3320 16th Street, N. W.
Lucal, Ira David George Washington University	Ohio	1479 Monroe Street, N. W.
Luce, Llewellyn Atsett University of Chicago; Uni- versity of Montana	Mont.	22 V Street, N. W.
Lyon, William Campbell Carnegie Institute of Tech- nology	Pa.	Apt. 42, The Cumberland.
Magathan, Wallace Clifton A. B., 1914, University of Kan- sas	Kans.	24 Denwood Avenue, Takoma Park.
Marshall, Robert Wallace	Ky.	1829 19th Street, N. W.
Martin, Clark Wilfred B. S., Valparaiso University	Pa.	1482 M Street, N. W.
Maxwell, Charles Warren Catholic University	Conn.	2815 6th Street, N. E.
Meadow, Hilda Wesleyan College	Ga.	1409 K Street, N. W.
Montgomery, Anna Carroll	D. C.	1743 Rhode Island Avenue.
Morgan, Robert Elmer A. B., 1918, Arkansas Univer- sity	Okla.	1738 N Street, N. W.
Mount, Thomas Flippin	Tenn.	Court of Claims.
McCarthy, Edward, Jr. Richmond College	Va.	Cherrydale, Va.
McCaslin, Walter W. William and Mary College	Va.	2501 Pennsylvania Avenue, N. W.
McClean, Cyril Wesley A. B., 1915, University of Cali- fornia	Calif.	Department of Justice.
McCoy, Philbrick North Carolina State College	D. C.	The Wyoming.
*McEachern, William Cameron University of Idaho	Idaho	Y. M. C. A.
McIntosh, Samuel Wallace	D. C.	128 C Street, N. E., Apt. 22.
McLaughlin, Anna Gertrude	Wyo.	308 F Street, N. W.
McVay, William Walter	Pa.	1738 N Street, N. W.
*Nakamura, Gongoro University of Southern Cali- fornia	Japan	1823 N Street, N. W.
Nelson, George Leonard George Washington University	Utah	1812 N Street, N. W.
Nichols, Ross Manning	N. J.	1750 Massachusetts Avenue, N. W.
Noble, Lew Maurice A. B., 1916, Bowdoin College	Me.	107 Fontanet Courts.
*O'Brien, James John	N. Y.	1360 Harvard Street, N. W.
O'Brien, Matthew Houston A. B., 1916, Wesleyan Univer- sity	D. C.	1229 Euclid Street, N. W.
Odell, Robert Russell	S. D.	1100 Vermont Avenue, N. W.
Osnes, Olaf Walter	S. D.	Y. M. C. A.
Paul, Albert Harding University of Utah	Utah	1734 K Street N. W.
Payne, Horace Durant A. B., 1917, University of Mis- souri	Okla.	1604 Hobart Street, N. W.
Penrod, Herman Garfield	Ohio	2265 18th Street, N. W.
Perlin, Harry A. B., 1920, George Washing- ton University	N. Y.	1419 M Street, N. W.
Piegrass, Charles Spurgeon University of Oklahoma	Okla.	1320 New York Avenue, N. W.

<i>Name</i>	<i>Legal Residence</i>	<i>Address</i>
Pixley, Rex Arthur	Mich.	Apt. 42, The Cumberland.
Plagens, Henry Jay	Kans.	1603 Massachusetts Avenue, N. W.
Pollitt, Basil Hubbard A. B., 1917, University of Cin- cinnati	W. Va.	2012 O Street, N. W., Apt. 31.
Raine, Wendell Phillips B. S. in E. E., 1907, A. M., 1911, University of Pennsyl- vania	Pa.	1731 S Street, N. W.
Raisbeck, James, Jr. Washington and Lee Univer- sity; University of Michi- gan	W. Va.	1333 15th Street, N. W.
Reynolds, Marvin Jacob C. E., 1917, Rensselaer Poly- technic Institute	N. Y.	1918 18th Street, N. W.
*Roberts, Samuel Judson Georgetown University	D. C.	1746 K Street, N. W., The Parkwood.
Rockow, Arthur	Wis.	1872 California Street, N. W.
Romney, Vernon	Utah	1747 Park Road, N. W.
Rosenberger, Charles Rupley	Pa.	807 O Street, N. W.
Ross, William Warfield	D. C.	1618 29th Street, N. W.
Sandoe, Nichol Main B. S., 1919, Dartmouth College	D. C.	235 12th Street, N. E.
Schaffer, John Leinbach Grad. U. S. Naval Academy	D. C.	Army and Navy Club, Navy Department.
See, Ernest Aldine A. B., 1920, George Washing- ton University	W. Va.	1733 N Street, N. W.
Seeley, Bromley	D. C.	The Dresden.
Shanholtzer, James Clinton Shepherd College	W. Va.	2030 G Street, N. W.
Shinnick, Herbert Hanserd University of Liverpool; Sor- bonne University; George Washington University	Va.	622 Varnum Street, N. W.
Shumaker, Frederic A. Simmons, Rush Nelson George Washington University	Kans. Minn.	Apt. 33, The Cumberland. 406 Cedar Street, N. W., Ta- koma Park, D. C.
Smith, Talma L. A. B., 1918, George Washing- ton University	Tex.	653 East Capitol Street.
Snow, Chester Ammen, Jr. University of Pennsylvania	Md.	Silver Springs, Md.
Snyder, Ross H.	Ill.	307 C Street, N. W.
Spears, Cleo Calvin	Ohio	1360 Meridian Place, N. W.
Sporkin, M. Walton, Jr. University of Pittsburgh	Pa.	1872 California Street.
Stanley, Clinton Fiske A. B., 1913, Earlham College	Ind.	Y. M. C. A.
Stevens, Eugene Ensign, Jr.	Md.	Pacific Bldg., 622 F Street, N. W.
Stokes, Walter Raymond	D. C.	508 Clifton Terrace.
Stoltz, Authwin Valparaiso University	Ill.	1410 C Street, N. E.
Sturgis, Wallace Edwin Mississippi Agricultural and Mechanical College; Univer- sity of Virginia	Miss.	Y. M. C. A.
*Sucher, Ralph Gunn Bradley Polytechnic Institute; University of Wisconsin	Ill.	807 Chateau Thierry Apt.
Symons, Noel Speer A. B., 1919, Princeton Univer- sity	D. C.	1509 16th Street.
Taylor, James Harvey Grad. 1911, U. S. Naval Acad- emy	Calif.	Office of Judge Advocate Gen- eral, Navy Department.



# MASTER'S DEGREE CANDIDATES

321

Name	Legal Residence	Address
Thompson, Frank Marion, Jr.	N. C.	1107 11th Street, N. W.
Thurman, Allen Grover A. B., 1916, University of Utah	Utah	1312 N Street, N. W.
Towers, Frederic Newton	D. C.	1725 17th Street, N. W.
Tron, Robert Augustus	D. C.	1314 30th Street, N. W.
Turner, Bolon Bailey University of Arkansas	Ark.	1312 N Street, N. W.
Ursua, Francisco Antonio University of California	Mex.	Wardman Park Hotel.
Wainwright, Charles Edward Bucknell University; Colum- bia University	Va.	Gordon Hotel.
Wallick, Earle Wilbur A. B., 1919, George Washing- ton University	Ill.	1603 Massachusetts Avenue, N. W.
Weisbrod, Max	N. Y.	Commercial National Bank Bldg.
Welsh, Nell Irene	Pa.	1401 Columbia Road, Carlisle Court, Apt. 122.
Weyler, George Lester Grad., 1910, U. S. Naval Acad- emy	Kans.	1830 Ontario Place, N. W.
Whitaker, Lorenzo Dowe George Washington Univer- sity	D. C.	937 14th Street, S. E.
Whitehurst, Herschel Smith Georgia School of Technology; Meridian Male College	Ga.	1320 Belmont Street.
Williams, Dwight Hagar A. B., 1920, University of Iowa	Iowa	1736 G Street, N. W.
Willis, Warren Jennison A. B., 1918, George Washing- ton University; Grad. U. S. Naval Academy	Minn.	Patent Office.
Wilson, Lee Ross George Washington Univer- sity	Ohio	1346 Monroe Street, N. E.
Wiseman, Kenneth Carson Methodist University of Okla- homa	N. Mex.	2011 F Street, N. W.
Wood, John Williamson George Washington Univer- sity	D. C.	2636 Garfield Street, N. W.
Woodside, Joseph Benjamin Valparaiso University; Uni- versity of Paris	Ill.	1134 8th Street, N. W.
Woodward, Charles William University of Georgia	Md.	1014 11th Street, N. W.
Wormhoudt, Marion Paul Central College	Iowa	1003 Massachusetts Avenue, N. W.
*Wunderlich, Lucile Marie	Ky.	525 Quincy Street, N. W.
Yates, Frank Lloyd West Virginia University	W. Va.	1733 N Street, N. W.
Young, Henry Leavenworth A. B., 1917, Grinnell College	Iowa	1312 N Street, N. W.
Young, Willis Harold	Minn.	Box 37, E. Falls Church, Va.

## CANDIDATES FOR DEGREE OF MASTER OF LAWS

*Archey, Edith Marshall LL. B., 1921, George Wash- ington University	Ky.	912 Eye Street, N. W., Apt. 2.
Armstrong, Alfred Glen LL. B., 1919, University of Kansas	Kans.	233 B Street, N. E.

<i>Name</i>	<i>Legal Residence</i>	<i>Address</i>
Barnes, Charles Maurice A. B., 1910, LL. B., 1921, George Washington University	Va.	1436 Meridian Place, N. W.
Brock, Howard Merle Toledo University; LL. B., 1921, George Washington University	Ohio	419 Y. M. C. A.
Campaign, Harry John University of Wisconsin; LL. B., 1921, George Washington University	Wis.	3320 16th Street, N. W.
*Cole, Francis Arthur Central College, Pella, Iowa; LL. B., 1921, George Washington University	Iowa	931 O Street, N. W.
*Curry, Joseph Clifford University of Chattanooga; LL. B., 1921, George Washington University	Tenn.	Y. M. C. A.
Donnally, John Cotton LL. B., University of Virginia	W. Va.	Racquet Club.
*Eddy, Grace Marie LL. B., 1920, George Washington University	Wis.	V-W Bldg., Government Hotels.
Fralley, Thomas Joseph A. B., 1915, A. M., 1917, Mount St. Mary's College; A. M., 1919, Dickinson College; LL. B., 1919, Dickinson College of Law	D. C.	1016 15th Street, N. W.
Frey, Charles Millard A. B., 1917, University of Nebraska; LL. B., 1921, George Washington University	Neb.	1482 M Street, N. W.
Fuller, Burton A. B., 1915, Central University of Iowa	Iowa	1819 F Street, N. W.
Geiger, Olive Evalyn Maryland College for Women; LL. B., 1921, George Washington University	D. C.	2851 20th Street, N. W.
Hammond, James Morris Stanford University; University of California; LL. B., 1921, George Washington University	Nev.	Room 2146, Munitions Bldg.
*Higgins, Daniel Ernest University of Maine; LL. B., 1921, George Washington University	Me.	2006 F Street, N. W.
Hurd, Cato Burdge LL. B., 1921, George Washington University	Ind.	Apt. 303, 1101 Euclid Street, N. W.
Lacy, Samuel Winston Richmond College; LL. B., 1921, George Washington University	Va.	Box 523, Pa. Ave. Postal Station.
†Long, Harry LL. B., Indiana University	Ind.	1933 Park Road, N. W.



MASTER'S DEGREE CANDIDATES

323

<i>Name</i>	<i>Legal Residence</i>	<i>Address</i>
Lyon, William Campbell Carnegie Institute of Technol- ogy; LL. B., 1922, George Washington University	Pa.	Apt. 42, The Cumberland.
Miller, Jesse Clinton LL. B., 1921, George Washing- ton University	N. D.	1432 M Street, N. W.
McGuire, Ollie Roscoe A. B., 1917, Louisiana State University; LL. B., 1921, George Washington Univer- sity	La.	Cherrydale, Va.
O'Brien, James John LL. B., 1922, George Wash- ington University	N. Y.	1360 Harvard Street, N. W.
Pixley, Rex Arthur Maryville College; LL. B., 1922, George Washington University	Mich.	Apt. 42, The Cumberland.
*Raymond, Mary Jane LL. B., 1920, George Wash- ington University	D. C.	1224 Euclid Street, N. W.
*Rorer, Dwight Eugene University of Pennsylvania; LL. B., 1917, Dickinson Col- lege of Law	Ind.	Department of Justice.
Ryan, Mark Joseph LL. B., 1921, George Washing- ton University	N. Y.	Care Solicitor of Internal Rev- enue.
Shands, Richard Eppes B. S., 1919, LL. B., 1921, Uni- versity of Virginia	D. C.	901 16th Street, N. W.
Smith, Stephen Girard LL. B., 1921, Vanderbilt Uni- versity	Tex.	
Stone, Henry Ulen LL. B., 1921, George Washing- ton University	Mo.	1022 Spring Road, N. W.
Swindler, Charles Patrick A. B., 1916, University of Colorado; LL. B., 1919, George Washington Univer- sity	Colo.	5505 13th Street, N. W.
Taggart, Etta Louise LL. B., 1921, George Wash- ington University	D. C.	1758 Park Road.
Van Dolsen, Fred L. LL. B., University of Michi- gan	Ind.	New Berne, Apt. 22, 12th and Massachusetts Avenue.
*Williams, Virginius Faison A. B., 1917, University of North Carolina; LL. B., 1921, George Washington University	N. C.	1529 Rhode Island Avenue.
Wilson, John Johnston LL. B., 1921, George Washing- ton University	D. C.	3104 19th Street, N. W.
Woodson, Fred Lee LL. B., 1921, George Washing- ton University	Mo.	1759 Columbia Road.
Wright, Harold Page Brown University; Boston Uni- versity; LL. B., 1921, George Washington University	R. I.	Box 28, House Office Bldg.

## SPECIAL STUDENTS

Name	Legal Residence	Address
*Andros, Charles Henry C. E., 1907, Rensselaer Poly- technic Institute	D. C.	Patent Office.
Atkins, Julia	N. C.	1015 16th Street, N. W.
Bailey, Clyde Scott	D. C.	810 18th Street, N. W.
Barber, Nelle Emerson College	Mass.	Senate Office Bldg.
Barnes, Henry Charles, II.	Mich.	1406 Newton Street.
Belt, Mildred A. B., 1917, Goucher College	Md.	Children's Bureau, Department of Labor.
Berliner, Alice Elizabeth George Washington University	D. C.	1458 Columbia Road.
*Blaisdell, Gertrude Grace	Ill.	T-U Bldg., Government Hotels.
*Boineau, Leon Calhoun U. S. Military Academy	S. C.	Room 193, State, War & Navy Bldg.
Bransom, Henry Wilton	D. C.	R. F. D. No. 1, Box 27A, Falls Church, Va.
*Buchanan, Sara Louise LL. B., Cumberland University	Miss.	1114 Vermont Avenue N. W.
*Buchheister, George Gustav University of Maryland	Md.	1733 N Street, N. W.
Butler, Marion, Jr. George Washington University	N. C.	Naval Air Station.
Cake, Lawrence Hitchner Georgetown University	D. C.	Wilkins Bldg.
Campbell, Ershel Weaver University of Missouri; Uni- versity of Chicago	D. C.	127 Senate Office Bldg.
Carter, Charles Angle	Va.	1600 Rhode Island Avenue, N. W.
Casey, Andrew Harrison Wake Forest College	N. C.	Apt. 34, 1440 R Street, N. W.
*Cass, Lewis Williams Collins, Randolph Spencer University of Utah	Tenn. Utah	Wardman Park Hotel. Apt. 42, 3151 Mt. Pleasant Street.
Conover, Milton Ph. B., 1913, Dickinson Col- lege; A. M., 1915, University of Minnesota	N. J.	818 Connecticut Avenue, N. W.
Crouch, James Turner Mount St. Mary's College; LL. B., 1921, University of South Carolina	S. C.	1500 Columbia Road
Cupp, Walter Roberts	Idaho	2653 Connecticut Avenue, N. W.
DeForce, James Allen University of Washington; Johns Hopkins University; Georgetown Foreign Service School	Wash.	1503 21st Street, N. W.
Diekroeger, Fred Edwin Maryland University; George- town University	D. C.	2511 14th Street, N. W.
Dillon, Clare	Md.	The Portner, Apt. 261.
Dinkins, Clarence McQueen University of Virginia	S. C.	No. 1, Dupont Circle.
*DuBois, George Bache C. E., Lafayette College	D. C.	2028 16th Street, N. W.
Dudley, Denver Layton	Ark.	1827 Lamont Street.
Duncombe, Charles Stewart Stevens Institute of Technol- ogy	N. J.	3905 Legation Street, N. W.
Dvoulety, Otto	D. C.	3179 18th Street, N. W.
†Elder, Robert William	Mass.	Marine Barracks, 5th and I Streets, S. E.
*Ellis, Alvis Thomas	D. C.	1603 Massachusetts Avenue, N. W.
†Ellsworth, Charles Brewster	D. C.	3010 R Street, N. W.



## SPECIAL STUDENTS

325

<i>Name</i>	<i>Legal Residence</i>	<i>Address</i>
Erickson, Ferdinand University of Utah; George- town University	D. C.	200 East Capitol Street, Apt. 7.
Erskine, Walter Allen A. B., 1907, A. M., 1910, Syracuse University	N. Y.	152 12th Street, S. E.
Feagans, Hazel Helena A. B., 1921, George Washing- ton University	Ind.	1217 Fairmont Street N. W.
Flanery, William Herbert	Ky.	102 C Street, S. E.
†Fleming, Ella Daly Washington College of Law	Mass.	1005 13th Street, N. W.
*Forinas, Simeon Cermeno	P. I.	2025 Allen Place, N. W.
*Gelst, Robert Louis C. E., 1917, Rensselaer Poly- technic Institute	Conn.	1842 Calvert Street.
†Goldsborough, Thad R. B. S., 1914, University of Mis- souri	Ohio	1125 5th Street, N. E.
*Gowin, Enoch Burton Ph. B., 1909, University of Wisconsin; Ph. D., 1918, Columbia University	D. C.	Y. M. C. A.
*Grabill, Lee R., Jr. B. S., Washington and Lee University	D. C.	Patent Office.
Green, Thomas Henry LL. B., 1915, Boston Univer- sity	Md.	200 Harvard Street, Glen Echo, Md.
Gripp, James Colburn	D. C.	1832 Lamont Street, N. W.
Hackstaff, Teresa Veneziano Columbia University	D. C.	634 H Street, S. W.
*Hanak, Milos University of Vienna	Czecho- slovakia	1426 M Street, N. W.
Hansen, Joseph Benjamin	Ill.	2619 10th Street, N. W.
†Harris, Winder Russell	D. C.	Apt. 107, 3800 14th Street, N. W.
†Hedlund, William Theodore B. S., Massachusetts Institute of Technology	Mass.	Division 19, Patent Office.
Hillix, Albert Ficklin A. B., 1920, Missouri Univer- sity; St. Joseph Law School	Mo.	Y. M. C. A.
Hitt, Moultrie	Ga.	1657 31st Street, N. W.
Hooker, William Anson B. S., 1899, Massachusetts Ag- ricultural College	Mass.	19 Pine Avenue, Takoma Park.
†Horany, Eddie E.	Okla.	2916 13th Street, N. W.
†Hummer, Aubrey Eugene A. B., 1921, George Washing- ton University; Carnegie In- stitute of Technology	D. C.	1237 Kenyon Street, N. W.
†Hyde, Eugene Willard Cumberland University; Wash- ington and Lee University	Tenn.	2320 16th Street, N. W.
Jackson, Mamie University of Texas; Univer- sity of California	Tex.	1112 Lamont Street, N. W.
†Jelton, Girard Renel Georgetown University	N. C.	Income Tax Unit, 15th and Ohio Avenue.
Kephart, Calvin Ira B. S., 1913, University of Cali- fornia; Y. M. C. A. Law School; Hamilton College	Oreg.	No. 4 Iowa Circle, N. W.
Kiess, Murray Sigmund University of Pennsylvania	Pa.	138 Senate Office Bldg.

Name	Legal Residence	Address
Kirk, Mabel	Ohio	244 T-U Government Hotels.
†Klasinger, Evelyn	D. C.	2401 16th Street, N. W.
Kite, Samuel Ernest, Jr.	D. C.	1514 K Street, N. W.
†Kunzelmann, Louis	D. C.	914 H Street, N. E.
George Washington University		
Lake, Russell Brackett	Mass.	1842 Calvert Street, N. W.
Larkin, Sallie Norvell	Va.	1721 Corcoran Street, N. W.
Laughran, Patrick N.	D. C.	Mills Bldg.
Lavender, William Davidson	Ala.	1810 K Street, N. W.
A. B., Virginia Military Institute		
Laycock, Harry Garland	D. C.	418 12th Street, N. W.
†Lea, Elizabeth Overton	D. C.	1824 23rd Street, N. W.
Lee, Richard Henry	Va.	1800 Rhode Island Ave., N. W.
Lehman, Lloyd Wilbur	Ill.	1715 Massachusetts Ave., N. W.
University of Illinois		
Lindner, Edward Thomas	Alaska	1440 Meridian Place, Apt. 4.
*Loring, Charles	D. C.	Apt. 404, The Congressional.
University of Minnesota		
*†Mahood, Charles Decatur	W. Va.	1746 K Street, N. W.
University of Virginia		
Manago, Faustino	P. I.	1824 L Street, N. W.
LL. B., 1915, University of the Philippines; LL. M., 1921, University of Michigan		
*Mann, Earl Elmer	Mass.	Room 175, Patent Office.
†Matthews, Annabel	Ga.	Cavanaugh Courts, 17th and Church.
University of Tennessee; Washington College of Law		
†Mellen, James William	Ind.	635 F Street, N. W.
Miller, Will R.	Va.	3050 P Street, N. W.
Mills, Eddie Lance	Tex.	2121 F Street, N. W.
A. B., 1920, George Washington University		
Muse, John William	D. C.	600 Massachusetts Ave., N. W.
Mussman, Michael Angelo	Pa.	Y. M. C. A.
A. B., 1921, George Washington University		
*McIntosh, Daniel Caldwell	Fla.	221 E. Capitol Street.
McLaine, Warren	D. C.	1540 17th Street, N. W.
LL. B., Washington College of Law		
McMullen, Joseph Irving	Calif.	751 Princeton Street, N. W.
University of Vermont; Stanford University		
Nakayama, Shoitchi	Japan	1310 N Street, N. W.
Imperial University, Kyoto, Japan		
Nelson, LeRoy Walter	Neb.	Internal Revenue.
George Washington University		
*Nessy, Mirko	Czecho-Slovakia	1527 O Street, N. W.
Norton, Robert Ames	Ohio	911 Jefferson Street, N. W.
A. B., 1918, LL. B., 1921, Yale University		
†O'Brien, Francis P.	Md.	1322 Eye Street, N. W.
National University Law School		
Pangle, James Lee	N. Y.	225 6th Street, N. E.
University of Chicago; LL. B., 1910, Lincoln-Jefferson University		
Parks, Ethel Mae	D. C.	1801 Irving Street, N. W.
Paul, Alice	N. J.	25 1st Street, N. E.
A. B., 1905, Swarthmore College; A. M., 1907, Ph. D., 1912, University of Pennsylvania		



## SPECIAL STUDENTS

327

Name	Legal Residence	Address
†Pease, Henry B. L.L. B., University of Georgia; Georgetown University	D. C.	3320 16th Street N. W.
Perlin, Bernadette Serena Washington College of Law	Md.	1419 M Street, N. W.
Peters, Katherine	Md.	1426 21st Street, N. W.
Phifer, Eugene Hines	D. C.	1927 Summit Place, N. E.
Phillips, Harry Ressler B. S. in C. E., 1911, Washing- ton and Lee University	W. Va.	1528 L Street, N. W.
*Powers, Caleb State University of Kentucky; Valparaiso University; Cen- tre College, Kentucky	Ky.	1414 Massachusetts Avenue S. E.
Proud, Hazel Kate	Wis.	1820 K Street, N. W., Apt. 22.
Reading, Joseph Cassaway B. S. in E. E., 1921, University of Maryland	Md.	Room 217, Treasury Bldg.
Rhodes, Thomas Everett National Law School	D. C.	1741 G Street, N. W.
Richardson, Robert W.	D. C.	The Portner.
†Riggs, Louise	D. C.	1787 Corcoran Street.
†Robinson, Carl Webster B. S., Colby College	N. H.	1321 Belmont Street, Apt. 28.
†*Robinson, Lee Morgan	Md.	1515 30th Street, N. W.
*Rogers, Casle Prescott	D. C.	Marine Barracks.
*Rowley, Lorel Bowling	Wis.	5005 13th Street, N. W.
Rue, Matthew Lawrence Richmond College	Md.	Apt. 308, E. Clifton Terrace, N. W.
Russell, James Townsend, Jr.	Pa.	3440 Woodley Road.
Sandlin, John Nicholas, Jr. Louisiana State University	La.	424 E. Capitol Street.
Saulsbury, Annie Miles Ph. B., 1897, Dickinson Col- lege	Del.	Somerset Apts., 16th and 1 Streets, N. W.
Schmidt, Harvey William	Tex.	917 18th Street, N. W.
*Schooler, Yvette Betty	D. C.	622 4½ Street, S. W.
Sellers, William LeRoy Mercer University Law School	D. C.	1816 New Hampshire Avenue, N. W.
†Smith, Clarke Kendrick University of Georgia	Ga.	Highlands, Apt. No. 703.
*Spencer, Thomas Marshall	Va.	2111 Bancroft Place, N. W.
†Sprinkle, Marie Simpson College; Drake Uni- versity; Highland Park Col- lege; Oberlin College	Mont.	The Chastleton Apts.
Stephenson, Harold Robert	Iowa	507 Stanton Place, N. E.
Thompson, Claude Alexander	Va.	Apt. 2, 1321 Belmont Street, N. W.
*Tucker, Charles Francis	Tex.	1100 Vermont Avenue.
Tulloch, Stuart Bywaters National University Law School	Va.	1606 K Street, N. W.
Turley, Jay Oregon Agricultural College; University of Texas	D. C.	945 Munsey Bldg.
†Umhau, John Bernard	D. C.	225 Rhode Island Avenue, N. W.
*Ventura, Mario	Md.	Hyattsville, Md.
Weiss, Phil Jacob University of Washington	Wash.	Navy Department, Naval Op- erations.
Welliver, Edward Morrison Johns Hopkins University; Washington and Lee Univer- sity	Md.	Rockville, Md., Box 33.
Wells, Ralph Andrew	MARR.	1829 19th Street, N. W.
Williams, Ida Gordon	Ohio	Income Tax Unit—Internal Revenue.
Winfield, Kenneth Joseph	D. C.	1227 15th Street, N. W.
*Worthington, George Bennett George Washington University	Ala.	1217 Otis Place, N. W.

## GEOGRAPHICAL DISTRIBUTION OF STUDENTS

Alabama	20	North Carolina	22
Arkansas	9	North Dakota	6
California	9	Ohio	31
Colorado	4	Oklahoma	19
Connecticut	14	Oregon	2
Delaware	3	Pennsylvania	60
Florida	5	Rhode Island	3
Georgia	17	South Carolina	9
Idaho	6	South Dakota	7
Illinois	34	Tennessee	16
Indiana	22	Texas	21
Iowa	25	Utah	19
Kansas	13	Vermont	3
Kentucky	16	Virginia	67
Louisiana	9	Washington	4
Maine	7	West Virginia	20
Maryland	49	Wisconsin	13
Massachusetts	30	Wyoming	5
Michigan	11	Alaska	1
Minnesota	15	District of Columbia	270
Mississippi	5	Hawaii	1
Missouri	19	Philippines	7
Montana	4	Italy	1
Nebraska	6	Japan	2
Nevada	2	Mexico	1
New Hampshire	4	China	2
New Jersey	18	Czecho-Slovakia	2
New Mexico	1	Porto Rico	1
New York	51	Honduras	1



**STUDENTS ATTENDING SUMMER SCHOOL, 1921,  
WHO DID NOT REGISTER FOR THE  
YEAR 1921-1922**

Allman, John Bradie	722 18th Street, N. W.
Anderson, Myron Sallee	Apt. 34, 1440 W Street, N. W.
Baruch, Herbert	616 Irving Street, N. W.
Bauer, Emma Barbara	Government Hotel
Beauchesne, John Moise	1600 Rhode Island Avenue, N. W.
Belda, Francisco Maximo	Y. M. C. A.
Brubaker, Herbert Craig	310 C Street, N. W.
Budge, Drew William	1335 Connecticut Avenue, N. W.
Cain, Joseph Lambert	1025 15th Street, N. W.
Cain, Lawrence Ward	1335 Connecticut Avenue, N. W.
Campbell, Jacob Ernest	Salem, West Virginia
Carvell, Richard	No. 1 Dupont Circle
Chapman, Emmett A.	2106 F Street, N. W.
Collum, Edward John	437 Massachusetts Avenue
Conley, Patrick Joseph	1101 P Street, N. W.
Conroy, J. Robert	1600 Rhode Island Avenue
Costello, Eugene Aloysius	240 Thomas Street
Courtney, Patrick Joseph	600 G Street, N. W.
Damrell, Capelle Hull	42 Eye Street, N. W.
DeCourcy, Harold	1335 Connecticut Avenue
DeLane, Louis	615 5th Street, N. W.
DeLauter, Caleb Upton	2800 13th Street, N. W.
Diggs, Edward Ross, Jr.	1336 Eye Street, N. W.
Dockery, Joseph Harry	1740 F Street, N. W.
Doran, James Lighton	519 L Street, N. W.
Dorr, Julian Childs	730 17th Street, N. W.
Dunn, James Joseph	1018 14th Street, N. W.
Durnan, James Joseph	1300 Massachusetts Avenue, N. W.
Eichelberger, Edward Gray	1335 Connecticut Avenue, N. W.
Ewerz, Robert Ray	1476 Clifton Street
Flaherty, Paul B.	3613 Wisconsin Avenue
Foley, Francis Edward	1600 Rhode Island Avenue, N. W.
Foley, Joseph Patrick	1028 16th Street, N. W.
Foose, Alphonse Maurice	
Frankham, Markley	Dept. of Justice, care Charles R. Frankham
Frawley, Edward George	1414 V Street, N. W.
Gillis, Frederick James	1335 Connecticut Avenue, N. W.
Glenn, James Arthur	House Office Building
Goldberg, Saul	709 8th Street, N. W.
Goode, Henry Grady	1634 19th Street, N. W.
Grissom, Ralph Everett	1600 Rhode Island Avenue, N. E.
Halpin, Joseph Thomas	1219 11th Street, N. W.
Hand, James Paul	2 17th Street, S. E.
Hayes, LaVerne Mechem	1715 Massachusetts Avenue, N. W.
Hearne, Alva Orlando	Marine Barracks, 8th and G Sts, S. E.
Henson, Burton G.	110 Second Street, S. E.

Hester, Clinton Monroe	517 6th Street, N. W.
Hester, Ewart Atkins	1748 M Street, N. W.
Higley, Frank Raymond	Patent Office
Hogan, Richard Grant	3051 N Street, N. W.
Holland, Herbert Homer	1600 Rhode Island Avenue
Hummer, Hiram Walter	1120 13th Street, N. W.
Hunt, George L.	1600 Rhode Island Avenue
Hyde, Edwin Phillip	1600 Rhode Island Avenue, N. W.
James, Lawrence Wesley	1843 47th Place, N. W.
Johnson, William Eugene	
Jones, Towner Francis	2538 Wisconsin Avenue, N. W.
Kane, Norman Edward	2030 16th Street, N. W.
Kelly, Bernard Edmund	115 3rd Street, N. E.
Kelly, Harold Edward	1600 Rhode Island Avenue
Kenkel, Anthony Bonaventure	18 14th Street, N. E.
Latham, Livingstone	717 10th Street, N. W.
Lovelace, John Melvin	
Macdonald, Charles A.	1414 V Street, N. W.
Mackey, Manly Odelle	1801 K Street, N. W.
Manning, Raphael Andrew	1335 Connecticut Avenue, N. W.
Mara, Edwin Manning	109 Carroll Street, S. E.
Marifjeren, Severt Johann	1102 L Street, N. W.
Marthiljohni, Edward Louis	1432 New York Avenue, N. W.
Mersch, Victor Sylvester	3600 13th Street, N. W.
Miller, Abraham	1425 T Street, N. W.
Miller, Ralph Francis	338 Maryland Avenue, N. E.
Montgomery, Thomas	Riverdale, Md.
Moore, Clarence Edward	1812 Vernon St., Apt. 42
McAvoy, Arthur Thomas	318 C Street, N. W.
McCarthy, Michael Daniel	1005 8th Street, N. W.
McCullough, Patrick Edward	2544 14th Street, N. W.
McDermott, Charles Paul	1018 14th Street, N. W.
McOsker, Fergus James	515 East Capitol Street
Napier, John Hawkins	Y. M. C. A.
Nolan, John Thomas	2311 1st Street, N. W.
Nye, Ernest Hoel	1715 North Capitol Street
Nye, John Aaron	Y. M. C. A.
O'Brien, Joseph F.	1414 V Street, N. W.
Orr, William	
Pagen, John Lawrence	1726 M Street, N. W.
Parker, Lucile	3137 19th Street, N. W.
Parker, William Franklin	1733 N Street, N. W.
Paull, Lloyd D. T.	1111 14th Street, N. W.
Perreault, John Baptist Alfred	1826 H Street, N. W.
Poirier, Antonio Joseph	1205 Rhode Island Avenue, N. W.
Pollard, William George, Jr.	1600 Rhode Island Avenue, N. W.
Pyles, Richard A. W.	Senate Office Building
Raege, Herman Henry	534 Woodward Building
Read, William Franklin	511 2nd Street, S. E.



Redfield, James Gilbert	531 18th Street, N. W.
Reuter, Elmer William	615 22nd Street, N. W.
Santmyers, Reigart Meredith	1254 Girard Street, N. E.
Saunders, Oswald Hurtt	2400 16th Street, N. W.
Schnitzer, Julius	1300 Massachusetts Avenue, N. W.
Schuder, Rollie Milton	1740 F Street, N. W.
Shanahan, John Joseph	1337 15th Street, N. W.
Shepherd, Alexander Roly, Jr.	Hammond Court Apt., 30th and Q
Shipe, Archie K.	1634 Columbia Road
Sims, Enid	2139 Wyoming Avenue
Skapiak, Anthony N.	811 13th Street, N. W.
Smith, John Aloysius	1731 S Street, N. W., Apt. 4
Smith, Robert Monroe	George Washington Inn
Sorensen, Harry	1335 Connecticut Avenue, N. W.
Spaulding, Thomas W.	4807 Iowa Avenue, N. W.
Steintorf, Paul Prentiss	1335 Connecticut Avenue, N. W.
Stewart, Frank Montgomery	1759 P Street, N. W.
Stewart, John Edwin	1321 Rhode Island Avenue, N. W.
Tappy, Thomas Newton	321½ 11th Street, S. W.
Teunis, John Ralph	1404 New York Avenue
Thompson, Oscar Adelpus	1023 15th Street, N. W.
Uglow, Kenneth Marion	1808 Massachusetts Avenue, N. W.
Walker, Mitchell Porter	2650 Wisconsin Avenue
Watkins, Charles Hurd	1740 F Street, N. W.
West, Ralph Phelps	1720 Euclid Street
White, Ivan Jones	334 The Portner, 15th and You Sts.
Wright, William Peyton	1600 Rhode Island Avenue, N. W.
Yokum, Carl Madison	1300 Fairmont Street, N. W.
Young, Galen Snow	

## COLLEGES REPRESENTED BY GRADUATES

Albion College .....	1	Maryland University .....	1
University of Arkansas .....	5	Massachusetts Agricultural	
Belmont Abbey College .....	1	College .....	1
Bethany College .....	1	Massachusetts Institute of	
Bowdoin College .....	1	Technology .....	7
Brigham Young University .....	1	Miami University .....	1
Brown University .....	1	University of Michigan .....	8
Bucknell University .....	1	Millikin University .....	1
University of California .....	3	University of Minnesota .....	1
Catholic University .....	1	Mississippi Industrial Insti-	
Central University of Iowa .....	1	tute and College .....	2
Centre College of Kentucky .....	1	University of Missouri .....	6
University of Chattanooga .....	1	Missouri Wesleyan College .....	1
University of Chicago .....	3	University of Montana .....	1
University of Cincinnati .....	2	Mount Saint Mary's .....	1
Citadel, South Carolina .....	1	University of Nanking, China .....	1
College of the City of New		University of Nebraska .....	1
York .....	1	Newberry College .....	1
Clemson Agricultural Col-		University of North Carolina .....	1
lege .....	2	University of North Dakota .....	1
Colby College .....	2	Ohio State University .....	3
University of Colorado .....	2	Park College .....	1
Columbia University .....	4	University of Pennsylvania .....	8
Cornell University .....	2	Pennsylvania State College .....	3
Dartmouth College .....	2	Philadelphia College of	
Davidson College .....	1	Pharmacy .....	1
Denison University .....	1	University of the Philippines .....	1
University of Denver .....	2	Pittsburgh University .....	1
Dickinson College .....	5	Princeton University .....	3
Earlham College .....	2	Purdue University .....	3
Emory and Henry College .....	1	Radcliffe College .....	1
Fairmont College .....	1	Randolph-Macon College .....	2
University of Florida .....	1	Rensselaer Polytechnic In-	
Franklin and Marshall .....	1	stitute .....	4
George Washington Uni-		University of Rochester .....	1
versity .....	34	Shorter College .....	1
Georgetown University .....	1	Stevens Institute of Tech-	
University of Georgia .....	1	nology .....	1
Goucher College .....	3	Swarthmore College .....	2
Grinnell College .....	1	Syracuse University .....	4
Harvard University .....	5	University of Tennessee .....	1
Hiram College .....	1	University of Texas .....	1
University of Illinois .....	1	Trinity College .....	1
University of Indiana .....	2	United States Naval Acad-	
Iowa State College .....	1	emy .....	11
University of Iowa .....	1	Union University .....	2
Johns Hopkins University .....	1	University of Utah .....	1
University of Kansas .....	2	Valparaiso University .....	1
Lafayette College .....	2	Vanderbilt University .....	2
Lehigh University .....	2	Vassar College .....	3
Louisiana State University .....	1	University of Vermont .....	1



## COLLEGES REPRESENTED

333

Virginia Military Institute	1	Women's College, Richmond,	
University of Virginia	3	Virginia	1
Virginia Polytechnic Institute	1	Worcester Polytechnic Institute	2
Washington and Lee University	3	Yale University	4
Wellesley College	2	Total	240
Wesleyan University	1	Counted more than once	11
Western Maryland University	2	Number of college graduates	229
West Virginia University	1	Number of colleges represented	105
William and Mary College	2		
University of Wisconsin	3		

## SUMMARY

## Candidates for Degree of Bachelor of Laws:

	1921-1922	1920-1921
First Year	439	383
Second Year	241	243
Third Year	200	96
Total	880	722
Candidates for Degree of Master of Laws	36	39
Total	916	761
Counted twice	3	6
Total candidates for Degrees	913	755
Special students	131	143
Total	1044	898
Counted twice		1
Total	1044	897
Students in Summer School 1921 whose names are not included for year 1921-22	124	
Total All Students	1168	897

## GEOGRAPHICAL DISTRIBUTION OF STUDENTS

Alabama	40	Tennessee	43
Arizona	2	Texas	67
Arkansas	24	Utah	42
California	32	Vermont	14
Colorado	24	Virginia	309
Connecticut	37	Washington	14
Delaware	11	West Virginia	55
Florida	13	Wisconsin	43
Georgia	45	Wyoming	8
Idaho	12	District of Columbia	1966
Illinois	118	Alaska	1
Indiana	93	Argentina	1
Iowa	87	Canada	2
Kansas	46	China	17
Kentucky	45	Colombia	1
Louisiana	19	Cuba	2
Maine	19	Czecho-Slovakia	2
Maryland	245	Egypt	4
Massachusetts	102	England	4
Michigan	51	Greece	2
Minnesota	44	Hawaii	3
Mississippi	30	Honduras	1
Missouri	80	Italy	3
Montana	5	Japan	5
Nebraska	23	Korea	2
Nevada	3	Lithuania	1
New Hampshire	18	Mexico	2
New Jersey	60	Netherlands	1
New Mexico	2	Panama	1
New York	202	Peru	2
North Carolina	61	Philippines	18
North Dakota	20	Poland	1
Ohio	120	Porto Rico	17
Oklahoma	39	Russia	4
Oregon	7	Siam	1
Pennsylvania	227	Sweden	1
Rhode Island	10	Switzerland	1
South Carolina	19	Scotland	2
South Dakota	20		



## GENERAL SUMMARY

### TEACHING STAFF

In many instances members of the Teaching Staff only give part time to the University:

Professors .....	86
Associate Professors .....	23
Assistant Professors .....	22
Associates .....	18
Lecturers and Instructors .....	78
Assistants and Demonstrators .....	61
Total .....	— 288

### STUDENTS REGISTERED IN THE UNIVERSITY DURING 1921-22

#### Department of Arts and Sciences

School of Graduate Studies.....	320
Columbian College .....	2183
College of Engineering .....	545
Teachers College .....	367
	— 3415

#### Professional Schools

Medical School .....	151
Law School .....	1045
College of Pharmacy .....	21
	— 1217

Total .....	4632
Duplicates .....	87
	— 4545

#### Summer School, 1921

Summer School, Arts and Sciences.....	857
Summer School, Law, First Session.....	418
Summer School, Law, Second Session.....	251 669
	— — 1526

## COMMENCEMENT, 1921

### HONORARY DEGREES

#### Doctor of Philosophy

- CARL D. GARBY.....Idaho  
B. S., in Ch. Eng., 1914, University of Idaho.  
RAYMOND WEST WOODWARD.....Connecticut  
B. S., 1914; M. S., 1915, Trinity College.

#### Master of Arts

LEILA MECHLIN  
NORTH OVERTON MESSENGER

#### Doctor of Divinity

WILLIAM LEVERING DEVRIES

#### Doctor of Humane Letters

THOMAS EDWIN BROWN  
JAMES SOUTHWORTH PARKER

#### Doctor of Laws

EUGENE CLARENCE AIKEN  
MELVILLE CHURCH  
STEPHEN WALLACE DEMPSEY  
STEPHEN TYNG MATHER  
FRANK WHEELER MONDELL  
JOHN GARLAND POLLARD  
AUGUSTUS STORRS WORTHINGTON  
JUAN RIANO Y GAYANGOS

#### Master of Arts

- HORACE G. BRUBAKER.....Ohio  
A. B., 1916, Hillsdale College.  
FRANCES MOON BUTTS.....Virginia  
(With Master's Diploma in Education.)  
A. B., 1919, George Washington University.  
DOLLY MARTHENA CALLAHAN.....Virginia  
A. B., 1919, George Washington University.  
ELMA B. CARR.....Kentucky  
A. B., 1920, George Washington University.  
ROBERT CLINTON DANIEL.....Virginia  
A. B., 1909, Virginia Christian College.



- JAMES ORR DENBY.....District of Columbia  
A. B., 1920, Princeton University.
- ELIZABETH GRIEVE FERGUSON.....Georgia  
A. B., 1919, Randolph-Macon Women's College.
- EDWARD IRVING FULTON.....Kentucky  
A. B., 1916, Centre College of Kentucky.
- ALEXANDRA LOUISE GALESKI.....District of Columbia  
(With Master's Diploma in Education.)  
A. B., 1918, George Washington University.
- LEMUEL EUGENE GREENE.....District of Columbia  
LL. B., 1915, Georgetown University;  
A. B., 1920, George Washington University.
- LAURA PYWELL HESTER.....Virginia  
A. B., 1919, George Washington University.
- MOUR HSU.....China  
A. B., 1913, Nanyang College;  
LL. B., 1917, Pei-Yang University.
- HARVEY EARL KAUFFMAN.....Pennsylvania  
A. B., 1920, George Washington University.
- ALEXANDER AZIZ KOORIE.....New Jersey  
A. B., 1916, Franklin and Marshall College.
- GABRIEL KUPJIAN.....New York  
(With Bachelor's Diploma in Education.)  
A. B., 1920, Washington Missionary College.
- FREDERICK ALOYSIUS NORTON.....Massachusetts  
B. S., 1919, as of 1918, Harvard University.
- FRANCIS CORE REYNOLDS.....District of Columbia  
A. B., 1919, George Washington University.
- CECIL LYLEL ROSS.....District of Columbia  
(With Master's Diploma in Education.)  
A. B., 1918, Washington Missionary College.
- MILDRED MIRIAM SHAUWECKER.....Ohio  
B. S., 1918, Ohio State University;  
A. B., 1920, George Washington University.
- FILOLA LAKE SHEPARD.....Ohio  
A. B., 1919, Ohio University.
- MAURICE MERLE SMITH.....Oklahoma  
A. B., 1920, George Washington University.
- CHAO-KUEI SZE.....China  
A. B., 1912, LL. B., 1917, Pei-Yang University.
- LOIS EMMA PIERCE WILLIS.....District of Columbia  
A. B., 1917, George Washington University.

ERNEST E. YEATON.....Maine  
Ph. B., 1914, Brown University.

#### Master of Science

TOMAS CAJIGAS.....District of Columbia  
M. D., 1918; B. S., 1919, George Washington University.  
DORIS MABLE COCHRAN.....District of Columbia  
A. B., 1920, George Washington University.  
ELIZABETH ORLAN CULLEN.....District of Columbia  
A. B., 1918, George Washington University.  
JAMES ROY ECKMAN.....Pennsylvania  
A. B., 1910, University of West Virginia;  
A. M., 1917, Harvard University.  
LEIGH T. GILTNER.....New York  
D. V. M., 1906, Cornell University.  
JAMES IRVING HOFFMAN.....Pennsylvania  
A. B., 1918, Franklin and Marshall College.  
JANE SALOME HROMATKO.....Iowa  
A. B., 1918, Coe College.  
GEORGE KERNOHAN.....Virginia  
D. V. M., 1912, Kansas State Agricultural College.  
GEORGE FRANKLIN MOULTON.....Illinois  
A. B., 1920, George Washington University.  
BENJAMIN HARRISON SMITH.....Indiana  
A. B., 1917, Wabash College, Indiana.  
MEYER WEINSTEIN.....District of Columbia  
B. S., 1920, George Washington University.

#### Mechanical Engineer

ROYAL HAINES HEALD.....District of Columbia  
B. S., in M. E., 1919, George Washington University.

#### Bachelor of Arts

ROBERT NELSON ANDERSON (With distinction).....Virginia  
ROSEMARY ARNOLD.....District of Columbia  
WILLIAM MCCORMICK BALLINGER.....District of Columbia  
HENRIETTA BEHREND.....District of Columbia  
ROBERT JOSEPH BOSWORTH (With distinction).....District of Columbia  
MARY MACKINDAY BRADLEY (With distinction).....Georgia  
JOSEPH LEON CAMPUS.....New York  
TILMAN BETHEL CANTRELL.....Illinois  
DENVER DARRELL COLEMAN.....Ohio  
DANIEL STICKNEY COOMBS.....Nebraska  
EARLE JAY DRUMMOND.....Ohio



MAURICE MATTHEW DUFFY	Washington
BEATRICE LOUISE DURYEA	New York
WALLACE D. EDINTON	District of Columbia
JOHN PLUMMER ELLIOTT	Maryland
CHARLES FRANCIS FOLEY	Pennsylvania
MARIE ESTELLE GIBBON	Virginia
CLARENCE MORTIMER GODFREY	District of Columbia
RALPH A. GRAVES	Georgia
ALEXANDER WHITE GREGG	Texas
HERBERT ROBERT GROSSMAN (With distinction)	Kentucky
DOROTHY STIEFEL GUITERMAN (With dist'n)	New York
ROSAMOND FRANCIS HARVEY	District of Columbia
GEORGE SANDS HASTINGS	District of Columbia
JAMES CHANDLER HATCHER	Alabama
WILLIAM PRESTON HAYNES	Kentucky
WINSTON RIVES HAYNES	Virginia
ROBERT BURNS HEALEY	New York
RUTH MARIE HEDDEN	Indiana
HERMAN S. HOFFMAN	Maryland
HELEN REBEKAH HOSFORD	Iowa
JOSEPHINE MARIE HUBER	District of Columbia
CHARLES RITCHEY HUFF	Minnesota
AUBREY EUGENE HUMMER	District of Columbia
ETHEL MAY JOHNSON	Pennsylvania
WILLIAM JOSEPH JOHNSON	Massachusetts
FRANCIS EDGAR JOHNSTON (With distinction)	Virginia
EVELYN WELLINGTON JONES	District of Columbia
FRANCIS MARION JONES	District of Columbia
WILLIAM BINFORD KING	Virginia
HARRY HAROLD KALUPY	Louisiana
ELEANOR LANE	Virginia
PERCY WALBOURNE LEEDUC	District of Columbia
STUART LEWIS	Illinois
OSCAR HENRY LINDOW (With distinction)	Wisconsin
LAURA MADELINE MCCLINTOCK	Pennsylvania
PHILIP MOWRY MCKENNA	District of Columbia
LAURETTA MCKENDREE	New Hampshire
LILLIAN MALONE	Virginia
CARL FRANCIS MARALDI	Massachusetts
MARGARET METZEROTH (With distinction)	District of Columbia
ESTILL ESS NAYLOR	Missouri
AXEL NELSON	North Dakota
HARRY WRIGHT NEWMAN	District of Columbia

WILLIAM BENEDICT O'CONNELL.....	South Dakota
EARL L. PACKER.....	Utah
MARIE PAZOUR.....	South Dakota
REBECCA PERLMAN (With distinction).....	District of Columbia
WILLIAM WALTER PETERSON.....	Iowa
RUTH SUTHERLAND PHILLIPS (With dist'n).....	District of Columbia
CHARLES WALLACE PORTER.....	Ohio
OLIVE PRESCOTT.....	District of Columbia
THOMAS FULLALOVE PROBEY.....	District of Columbia
MAURICE PROTAS.....	District of Columbia
JOSEPH P. QUINLAN.....	Massachusetts
GEORGE TORREYSON REEVES.....	Virginia
NORMAN PHILIP SCALA.....	District of Columbia
OTTO AUGUST SCHLOBOHM.....	New York
EDGAR LEE SHEFFIELD.....	Idaho
MARGARET MARY SMITH.....	Maryland
GEORGE BAILLIE SPRINGSTON.....	Ohio
MARJORIE SHAW STUART.....	District of Columbia
HUGH LEGARE STURGIS.....	Maryland
KATHERINE GODFREY SYMONDS.....	Maryland
(With distinction)	
ETHEL MARIE VAN NESS.....	New Jersey
ANDREW MONROE VLIET.....	Indiana
ELIZABETH FLEMING WADDELL.....	Georgia
MARTHA LUCY WARING (With distinction).....	District of Columbia
LEE ELLA WARREN.....	District of Columbia
MILO RITTER WHITE.....	Indiana
RUSSELL IRVING WHYTE.....	District of Columbia
ERNEST FRANCIS WILLIAMS.....	District of Columbia
VIRGINIA BULLOCK-WILLIS (With distinction).....	Virginia
JOSEPH COPE WIMMER.....	Pennsylvania

#### Bachelor of Science in Medicine

REGENA COOK JOHNSON.....	Maryland
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#### Bachelor of Science in Civil Engineering

ROGER TALBOT BOYDEN.....	Massachusetts
DAVID VINCENT STROOP.....	Oregon
LOUIS WEBSTER TUROFF.....	District of Columbia

#### Bachelor of Science in Electrical Engineering

WALTER FRANK AMAN (With distinction).....	Maryland
ZENO ALVIN BIGGS.....	Maryland
JOHN BERNARD BRADY.....	Maryland



STUART JONES MACKEY.....	District of Columbia
C. E., 1915, Rensselaer Polytechnic Institute;	
LL. B., 1919, George Washington University.	
SPENCER BARRETT MICHAEL (With distinction) .....	District of Columbia
FRED EUGENE SHOEMAKER.....	District of Columbia
HAROLD ARTHUR SNOW.....	District of Columbia
HARRY LEDDEN STRANG.....	District of Columbia

#### Bachelor of Science in Chemical Engineering

THOMAS ALLAN DAVIS.....	District of Columbia
CARL F. KRAFFT.....	Wisconsin
FRANK HENRY MARKS.....	District of Columbia
GORDON CHASE TIBBITTS.....	District of Columbia
JOHN DOMINICK MCCORMICK.....	District of Columbia
B. S. in C. E., 1914, C. E., 1915, George Washington University	

#### Bachelor of Science in Chemistry

BEVERLY LEONIDAS CLARKE.....	District of Columbia
(With Distinction)	
WALTER CARL FEDDE.....	Colorado
JOHN MAHONEY.....	Nebraska
ALBERT AUSTIN RILEY.....	Ohio
Phar. D., 1916, George Washington University	
FRANK ARTHUR SPURR.....	Iowa
WILLIAM HENRY TONKIN.....	District of Columbia
(With Distinction)	

#### Bachelor of Arts and Bachelor's Diploma in Education

ETTA RECTOR BELL.....	Missouri
M. BYRD BELL.....	Texas
EDWIN ANSON BERGER.....	Pennsylvania
MABEL DAVISON.....	District of Columbia
HAZEL HALENA FEAGANS.....	Indiana
IDA CARRIE HELEN GAARDER.....	Iowa
RUFUS S. GARDNER.....	Virginia
CHARLES CARLTON GUILFORD.....	Virginia
ELEANORA HENDERSON.....	District of Columbia
SADIE ZUNSEN HYMAN.....	District of Columbia
(With Distinction)	
EDWARD ERROLL IVEY.....	California
FRANKLIN JOSEPH JACKSON.....	District of Columbia
ETTA HELENE MATTHEWS.....	District of Columbia
LOIS HAYDEN MEEK.....	District of Columbia
(With Distinction)	

CORA JOY MENAUGH	District of Columbia
BERNADETTE SERENA MICHELSON	
GEORGE MANSFIELD MOORE	Kentucky
HARRIET LENORE MURRAY	District of Columbia
IVADEL ELSIE NEWLOVE	North Dakota
MERLE WHITE NEWLOVE	Illinois
HERBERT BARKER NICHOLS	Maryland
MARGARET ROSE O'BRIEN	District of Columbia
MATTIE POINDEXTER	Kentucky
BERNICE DUNNELL RANDALL	District of Columbia
(With Distinction)	
RUTH ELIZABETH REEVES	Virginia
ANNIE TILLERY RENSHAW	Pennsylvania
ANNA LOUISA ROAT	New York
MARY ESTELLE ROSE	District of Columbia
(With Distinction)	
LILLIAN WARFIELD SAGE	Maryland
PAULINE SCOTT	District of Columbia
MIRIAM HUGHES SELAH	District of Columbia
(With Distinction)	
MILDRED EVELYN STALLINGS	District of Columbia
(With Distinction)	
ELIZABETH TABB STEWART	Virginia
CATHERINE MARY TONGE	District of Columbia
JOHN BERNARD WALSH	Montana
RENA WOLMAN	Maryland

## Doctor of Medicine

MEYER LOUIS ALPERT	Connecticut
WILBUR LORENZO BOWEN	Virginia
ALFREDO MARIO BRENES	Central America
A. B., Liceo de Costa Rica	
ARTURO CEDILLA	Porto Rico
HERMAN R. CASTRO	Central America
A. B., Liceo de Costa Rica	
NATHAN JOSHUA EPSTEIN	District of Columbia
WALTER GEORGE EISINGER, JR	District of Columbia
FREDERICK ARNOLD FRANKE	Utah
B. Sc., University of Utah	
AUBREY DAVID FISCHER	District of Columbia
JOSEPH BURTON GLENN	District of Columbia
MAURICE HART HERZMARK	District of Columbia
A. B., 1918, George Washington University	



IRA JAY HOPKINS	Utah
A. B., University of Utah	
REGENA COOK JOHNSON	Maryland
RICARDO MARCHENA	Central America
A. B., Liceo de Costa Rica	
CLEMENT BUCHANNAN MASSON	New York
B. S., Washington Missionary College	
LYLE JORDAN MILLAN	Virginia
JOHN WILLIAM PHILLIPS	North Carolina
MORRIS JACOB RENNER	District of Columbia
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SIDNEY GAYLORD SONNELAND	Nebraska
B. Sc., Valparaiso University	
HERMAN FRANK STRONGIN	District of Columbia
Ph. G.;	
Ph. C., Columbia University	
LYMAN BROOKE TIBBETS	District of Columbia
Phar. D., 1915, George Washington University	
FREDERICK YATES WILLIAMSON	North Carolina
Phar. D., University of North Carolina	

## Nurses' Certificates

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EDNA GOODE	Virginia
MARYE KEENEY	West Virginia
MARY GERTRUDE KEANE	Georgia
THELMA MELTON	West Virginia
FRANCES MONG	West Virginia
LILLIAN MOORE	New Jersey
CATHERINE PULLIAM	Virginia
MITTIE SMITH	Ohio
EDNA SPRECHER	West Virginia
SALLIE LOUISE VESTAL	North Carolina
MARY S. WEBSTER	Virginia

## Bachelor of Laws

CHARLES MAURICE BARNES	Virginia
A. B., 1910, George Washington University	
EDWARD JACOB BRUNEKANT	California
ISMAR BARUCH	Connecticut
(With Distinction)	
Ph. B., 1915, Brown University	
A. M., 1916, Princeton University	
HOWARD MERLE BROCK	Ohio

WILLIAM CAMERON BURTON	District of Columbia
HARRY JOHN CAMPAIGN	Wisconsin
ALFRED CERCEO	New York
THOMAS YOUNG CLARK	Indiana
B. S., 1918, Earlham College	
FRANCIS ARTHUR COLE	Iowa
ELMER LOGAN CORBIN	Illinois
JOHN NICHOLAS CRAMER	New York
CLARENCE MCKINNIE CREWS	District of Columbia
(With Distinction)	
PEARL CROSBY	New Jersey
NEWELL WINDOM ELLISON	Tennessee
A. B., 1917, George Washington University	
GLENN ENO	Indiana
CHARLES MILLARD FREY	Nebraska
A. B., 1917, University of Nebraska	
OLIVE EVALYN GEIGER	District of Columbia
HARRY ARTHUR GILLIS	Iowa
A. B., 1914, Monmouth College	
LEWIS JUDSON GREGG	Michigan
BRANTLY CALLAWAY HARRIS	Texas
(With Distinction)	
A. B., 1917, Rice Institute	
MARIE ANTOINETTE DOLORES HECHMER	West Virginia
RALPH EMMETT HEITMULLER	District of Columbia
DANIEL ERNEST HIGGINS	Maine
EVERETT GUY HOLT	Maine
A. B., 1915, Colby College	
HERBERT CARL JOHNSON	Minnesota
WILLIAM MONROE JOHNSON	Maryland
HAROLD THOMAS KAY	Utah
A. B., 1920, University of Utah	
JAMES FREDERICK KRONENBERG	Pennsylvania
A. B., 1919, University of California	
SAMUEL WINSTON LACY	Virginia
JOHN RALPH LAFLEUR	Maine
B. S., 1915, Colby College	
NORMAN LINCOLN LANDERS	Iowa
A. B., 1915, Lenox College	
VIVIEN OTTO LEE	Oklahoma
ROLAND JULIUS LEHMAN	Illinois
MILTON ANTHONY LEHR	Ohio
WALTER MCKINLEY LIVINGSTON	South Dakota



EDITH LEVAL MARSHALL	Kentucky
THOMAS METLER MATHER	South Dakota
JESSE CLINTON MILLER	North Dakota
JAMES RICHARD MORFORD	Delaware
WHITLEY PETERSON MCCOY	West Virginia
(With Distinction)	
A. B., 1916, Dartmouth College	
OLLIE ROSCOE MCGUIRE	Louisiana
A. B., 1917, A. M., Louisiana State University	
JOHN F. LATKO O'LEARY	Wisconsin
JACK PADEN	Oklahoma
FRANCES ELIZABETH PARK	New York
Ph. B., 1910, Syracuse University	
EDWARD JOSEPH PEARLOVE	Minnesota
JOHN BARTON PHILLIPS	Virginia
(With Distinction)	
CLIFFORD DAVIS PIERCE	Tennessee
FREDA RING	District of Columbia
VICTOR JENKINS ROGERS	Kansas
ANTHONY OSWALD SHALLNA	Pennsylvania
A. B., 1916, Cornell University	
HAROLD CALMERS SMITH	Texas
HARRY ELIOT SOKOLOV	District of Columbia
HENRY ULEN STONE	Missouri
ROBERT MONAT UEHREN	Wisconsin
EUGENE UNDERWOOD, JR.	Illinois
(With Distinction)	
A. B., 1919, George Washington University	
JOHN DAVID WATKINS	Mississippi
(With Distinction)	
EMMA ALMA WEGENER	Wisconsin
(With Distinction)	
ERNEST R. WILLIAMSON	Oregon
JOHN JOHNSON WILSON	District of Columbia
FRED LEE WOODSON	Missouri
HAROLD PAGE WRIGHT	Rhode Island
LESLIE BERNARD YOUNG	New York
A. B., 1913, Cornell University	
Master of Laws	
JOSEPH MORTIMER BRYANT	Utah
B. S., 1902, C. E., 1905, Virginia Polytechnic Institute;	
LL. B., 1920, George Washington University	

- CALVIN CLARKE.....Kentucky  
 LL. B., 1920, George Washington University
- SAMUEL THEODORE HOLMGREN.....New Hampshire  
 LL. B., 1920, George Washington University
- CLIFFORD JAMES MACMILLAN.....California  
 LL. B., 1920, University of Southern California
- ANDREW MARKHUS.....Idaho  
 A. B., 1919, University of Idaho  
 LL. B., 1920, George Washington University
- FRANK BENNETT MESEKE.....India  
 Ph. B., 1912, University of Chicago  
 LL. B., 1920, George Washington University
- CLARENCE ALTHA MILLER.....Pennsylvania  
 LL. B., 1919, George Washington University.
- HENRY BASCOM MORROW, JR.....Tennessee  
 LL. B., 1917, George Washington University
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 LL. B., 1912, George Washington University
- GEORGE HENRY PALTRIDGE.....District of Columbia  
 A. B., 1918, George Washington University  
 LL. B., 1920, George Washington University
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 A. B., and B. S. in Ed., 1912, University of Missouri  
 LL. B., 1920, George Washington University.
- ROBERT PETER.....Maryland  
 LL. B., 1920, George Washington University
- HENRY JEFFERSON RICHARDSON.....Arkansas  
 LL. B., 1920, George Washington University
- FRANCIS HORATIO TEMPLETON.....North Dakota  
 LL. B., 1916, University of North Dakota
- JOHN ABDIEL SMITH.....Pennsylvania  
 (As of June 3, 1908)  
 LL. B., 1907, George Washington University
- JOHN WILLIAM TOWNSEND.....Florida  
 LL. B., 1920, George Washington University

#### Doctor of Pharmacy

- WALTER FREDERICK CLAYTON.....District of Columbia
- MCKINLEY GASSETT.....Alabama
- MARCUS F. LYNCH.....District of Columbia



## FALL CONVOCATION, 1921

## Doctor of Philosophy

CARL JOHAN EDWARD LILJENCRANTS ..... District of Columbia  
 A. M., 1913, Loyola College; S. T. B., 1915,  
 S. T. D., 1918, Catholic University.

## Master of Arts

ELIZABETH ANNA WEBER ..... North Carolina  
 A. B., 1915, George Washington University.

## Master of Science

JOHN LEONARD BAER ..... Pennsylvania  
 A. B., 1920, George Washington University.  
 WILLIAM HAZEN ..... New York  
 B. S., 1913, College of the City of New York.

## Bachelor of Arts

WILLIAM CLYDE CANTRELL ..... Texas  
 WAIVA AILEEN DEAN ..... Oregon  
 KATHERINE M. DONOVAN ..... Washington  
 FRANCES ELIZABETH GRAVATT ..... Maryland  
 GEORGE M. HAVERSTOCK ..... Pennsylvania  
 ARTHUR LLOYD HIGGINS ..... Missouri  
 WILLIAM ELIOT HUDMON ..... District of Columbia  
 ELEANOR CATHERINE JUDD ..... District of Columbia  
 CONRAD KINYOUN ..... District of Columbia  
 ISIDORE LATTMAN ..... New York  
 MORRIS LATTMAN ..... New York  
 WILLIAM YOUNG CHICK LEE ..... Korea  
 MICHAEL ANGELO MUSSMAN ..... Pennsylvania  
 JAMES FRANCIS NOLAN ..... New Jersey  
 EMMETT JAMES PETERSON ..... California  
 HOWARD KNOTT SHAW ..... New Jersey  
 ANNA BOGENHOLM SLOANE ..... Sweden  
 FORREST DWIGHT STOUT ..... Kansas  
 HELEN MARGARET WHITE ..... District of Columbia  
 WILLIAM FRANKLIN WILDER ..... New Jersey  
 WELLMAN J. WARNER ..... California

## Bachelor of Science in Civil Engineering

JAMES ALLISON BUCHANAN ..... District of Columbia  
 (With Distinction)

## Bachelor of Arts and Bachelor's Diploma in Education

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 CECIL WILFRED CANTRELL ..... Texas  
 CORA JOY MENAUGH ..... District of Columbia  
 BERTHA HOWIE NOREIS ..... District of Columbia  
 GROVER CLEVELAND YOUNG ..... South Dakota

## Bachelor's Diploma in Education

HELEN MARIE CECILLA ROSE..... Illinois  
 Ph. B., 1919, University of Chicago;  
 A. M., 1920, George Washington University.

## Doctor of Medicine

RICHMOND JAMES BECK..... Wisconsin  
 FRANK DUNN..... New York  
 HAROLD FOOR MACHLAN..... District of Columbia  
 RAY FREDERICK GUYNN..... Virginia

## Bachelor of Laws

HARRIET MAY BARBOUR..... Oregon  
 CLIFFORD FRANK CORNELL..... Tennessee  
 A. B., 1920, Vanderbilt University.  
 JOSEPH CONRAD FEHR..... Utah  
 ROBERT LEWIS GLASS..... Pennsylvania  
 B. S. in E. E., 1913, University of Pittsburgh.  
 LEROY WALTER NELSON..... Nebraska  
 HARRY R. POOL..... Minnesota  
 ETTA LOUISE TAGGART..... District of Columbia  
 HOADLEY HORATIO WILLES..... Connecticut

## Master of Laws

FRANK BROWN SMITH..... Maryland  
 LL. B., 1914, George Washington University.

## MIDWINTER CONVOCATION, 1922

## Doctor of Philosophy

JAMES WILLIAMS GIDLEY..... District of Columbia  
 B. S., 1898, M. S., 1901, Princeton University.

## Master of Arts

BERTHA SHANKS CHANEY..... District of Columbia  
 B. S., 1896, Union College, Lincoln, Nebraska.  
 DANIEL AUGUSTUS DOLLARHIDE..... Arkansas  
 A. B., 1916, Henderson-Brown College.  
 HENRY WHITE DRAPER..... District of Columbia  
 A. B., 1909, George Washington, University.  
 MARIE MACMILLAN JONES..... Washington  
 A. B., 1920, George Washington University.  
 HENRY MORTIMER STEECE..... South Carolina  
 B. S., 1913, Louisiana State University.

## Master of Science

NATHAN WOOD BASS..... Kansas  
 B. S., 1917, Kansas Agricultural College.



## Bachelor of Arts

MYRTLE FRANCES CAROLYN ALSEEN	Minnesota
HERMAN ROBIE AMES	New Hampshire
EDGAR WELLS BECKETT (With Distinction)	District of Columbia
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FLORENCE BRANNEN	Georgia
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GEORGES MINCH WEBER	District of Columbia
GEORGE WEISS	Minnesota
VIRGIL BROOKS WILEY	Delaware

## Bachelor of Science in Medicine

ALBERT ELWOOD PAGAN	District of Columbia
M. D., 1912, George Washington University.	

## Bachelor of Arts and Bachelor's Diploma in Education

LLOYD FOX LOUX	Pennsylvania
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## Bachelor of Laws

GEORGE DE BRODES	District of Columbia
LEONARD GAWTHROP HAGNER	Delaware
JOSEPH HARRINGTON HAZEN	New York
RUSSELL JAMES HORSEFIELD	Missouri
ARTHUR C. KEEFER	Maryland
SAMUEL JOSEPH L'HOMMEDIEU	District of Columbia
MUNSON HARMON LANE	Virginia
WILLIAM CAMPBELL LYON	Pennsylvania
WILLIAM CAMERON McEACHERN	Idaho
JAMES JOHN O'BRIEN	New York
REX ARTHUR PIXLEY	Michigan
SAMUEL JUDSON ROBERTS	District of Columbia
RALPH GUNN SUCHER	Illinois

## Master of Laws

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A. B., 1917, University of North Carolina.	
LL. B., 1921, George Washington University.	

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BOOTH, N. M.	2014 G St.
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BOVEE, J. W. (132)	The Rochambeau.
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CHACE, MRS. D. A. (16)	Care Even. Star News Co.
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DOYLE, H. G. (14)	5416 33rd St.
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EDGERTON, H. W. (193)	1435 K St.
EDSON, J. J. (5)	915 F St.
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ELLISON, E. M. (138)	1720 M St.
ERWIN, J. T. (14)	1819 G St.
EVANS, M. B. (15)	3432 Newark St.
FERSON, M. L. (193)	1435 K St.
FILLEBROWN, J. P. (139)	Stoneleigh Court.
FLATHER, W. J. (5)	Riggs National Bank.
FLEMING, I. (16)	1504 H St.
FOLEY, T. M. (136)	901 16th St.
FOLLETT, E. C. (135)	826 Kennedy St.
FOWLE, F. E. (15)	2919 Que St.
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FULLER, H. G. (139)	1844 Columbia Road.
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GORDEN, SPENCER (193)	Union Trust Building.
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GRAY, A. C. (140)	Stoneleigh Court.
GREENE, S. H. (140)	1460 Rhode Island Ave.
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GROOVER, T. A. (135)	1621 Connecticut Ave.
GROSVENOR, G. (5)	Nat'l Geog. Soc.
HAGNER, F. R. (133)	The Farragut.
HALL, C. L. (134)	2901 16th St.
HALL, G. L. (193)	Wilkins Building.
HALL, R. W. (138)	St. Elizabeth's Hospital.
HAMILTON, B. (15)	Bureau of Mines.
HANKIN, G. (15)	912 Carroll Ave., Tak. Pk.
HENNING, G. N. (13)	2426 19th St., Apt. 203.
HERTLE, L. (5)	Gunston Hall, Lorton, Va.
HILL, C. E. (14) (193)	Sycamore St., Tak. Pk., Md.
HILL, E. A. (14)	2246 Cathedral Ave.
HITCHCOCK, F. A. (14)	5205 Wisconsin Ave.
HODGKINS, H. G. (14)	1623 R St.
HODGKINS, H. L. (8)	1821 Kalorama Rd.
HOLLINGSWORTH, R. K. (141)	2017 Nichols Ave. S. E.

HOPKINS, A. (5)	1826 Massachusetts Ave.
HOPKINS, N. M. (14)	New York City.
HOPKINS, T. S. (5)	Hibbs Building.
HORGAN, E. J. (138)	Stoneleigh Court.
HORNADAY, F. A. (133)	3509 14th St.
HOLMES, C. W. (8)	2033 G St.
HUMPHREYS, W. J. (13)	Weather Bureau.
HUNTER, O. B. (133)	31 E. Oxford St., Chevy Chase.
HYDE, C. W. (137)	The Alabama.
JACKSON, V. B. (139)	The Kedrick.
JENKINS, G. B. (134)	1639 W St., S. E.
JENKINS, W. H. (139)	1738 M St.
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JONES, C. K. (15)	304 Maryland Ave.
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KALUSOWSKI, H. E. (188)	808 Eye St.
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KAYSER, E. L. (14)	1908 Eye St.
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KING, W. B. (140)	Virginia Highlands, Va.
KING, W. B. (5)	728 17th St.
KNAPP, M. A. (5)	Stoneleigh Court.
KNOTT, C. O. (140)	1006 Eye St., S. E.
KOTZ, J. (141)	Medical Science Bldg.
KRAMER, C. F. (15)	College Park, Md.
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LEE, T. S. (137)	2109 O St.
LEECH, F. (136)	1359 Columbia Rd.
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LINVILLE, T. (138)	2517 14th St.
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LITTLEHALES, G. W. (13)	2132 LeRoy Place.
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McKIMMIE, O. A. M. (136)	The Valois.
McFALL, J. M. (193)	Care U. S. Fid. & Guar. Co., Baltimore, Md.
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MACMILLAN, J. T. (15)	207 A St., N. E.
MAIN, D. C. (138)	St. Elizabeth's Hospital.
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MANN, J. T. (141)	1323 E. Cap. St.
MARBURY, W. B. (140)	1015 16th St.
MARTIN, T. C. (133)	The Rochambeau.
MASON, L. M. (141)	1523 L St.
MASON, J. R. (16)	1842 Calbert St.
MERRILL, G. P. (13)	1422 Belmont St.



MERRITT, E. A. (137)	1821 Connecticut Ave.
MEYER, J. F. (15)	3727 Jocelyn St.
MICHELSON, T. (14)	Smithsonian Institution.
MILLER, C. C. (16)	Copley Courts.
MILLER, G. B. (136)	1730 K St.
MILLER, HUGH (14)	2006 Columbia Rd.
MITCHELL, J. F. (136)	1344 19th St.
MOORE, W. L. (13)	The Chastleton.
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NORTHINGTON, E. (134)	1335 H St.
NOYES, T. W. (5)	Care The Evening Star.
O'CONNELL, F. C. (193)	D. C. Supreme Court.
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REEVES, R. (16)	2033 G St.
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RICHARDSON, E. E. (13)	1001 Alabama Ave., S. E.
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ROSE, A. L. (14)	The Elizabeth Somers.
RUEDIGER, W. C. (13)	2836 28th St.
RUFFIN, S. (132)	Connecticut Apt.
SCHAPIRO, I. (14)	Library of Congress.
SCHATZ, E. (8)	1840 2nd St.
SCHMIDT, A. F. W. (13)	35 Bryant St.
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SCHOENFELD, H. H. (140)	Wardman Park Hotel.
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SELLNER, A. E. (145)	1335 H St.
SHANDS, A. R. (135)	901 16th St.
SHUTE, D. K. (132)	1727 De Sales St.

SHILL, M. R.	132 Adams St.
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SMILER, N. M. (142)	1103 P St.
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SMITH, D. H. (14)	Union Trust Bldg.
SMITH, F. S. (193)	410 5th St.
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SPAULDING, H. G. (193)	1435 K St.
SPILLMAN, R. (141)	Medical Science Bldg.
STAFFORD, W. P. (193)	D. C. Supreme Court.
STARKWEATHER, W. H. (16)	2033 G St.
STAVELY, A. L. (136)	1744 M St.
STERLING, M. W. (16)	2033 G St.
STERRETT, J. M. (13)	Springfield, Pierce Mill Rd.
STOCKTON, C. H. (15)	2017 O St.
STOUT, J. D. (135)	901 16th St.
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TAYLOR, E. A. (142)	1029 Vermont Ave.
TAYLOR, J. N. (15)	1335 H St.
TEWKSBURY, W. D. (137)	Medical Science Building.
THOMPSON, B. B. (183)	1339 H St.
THOMPSON, J. L. (136)	1735 20th St.
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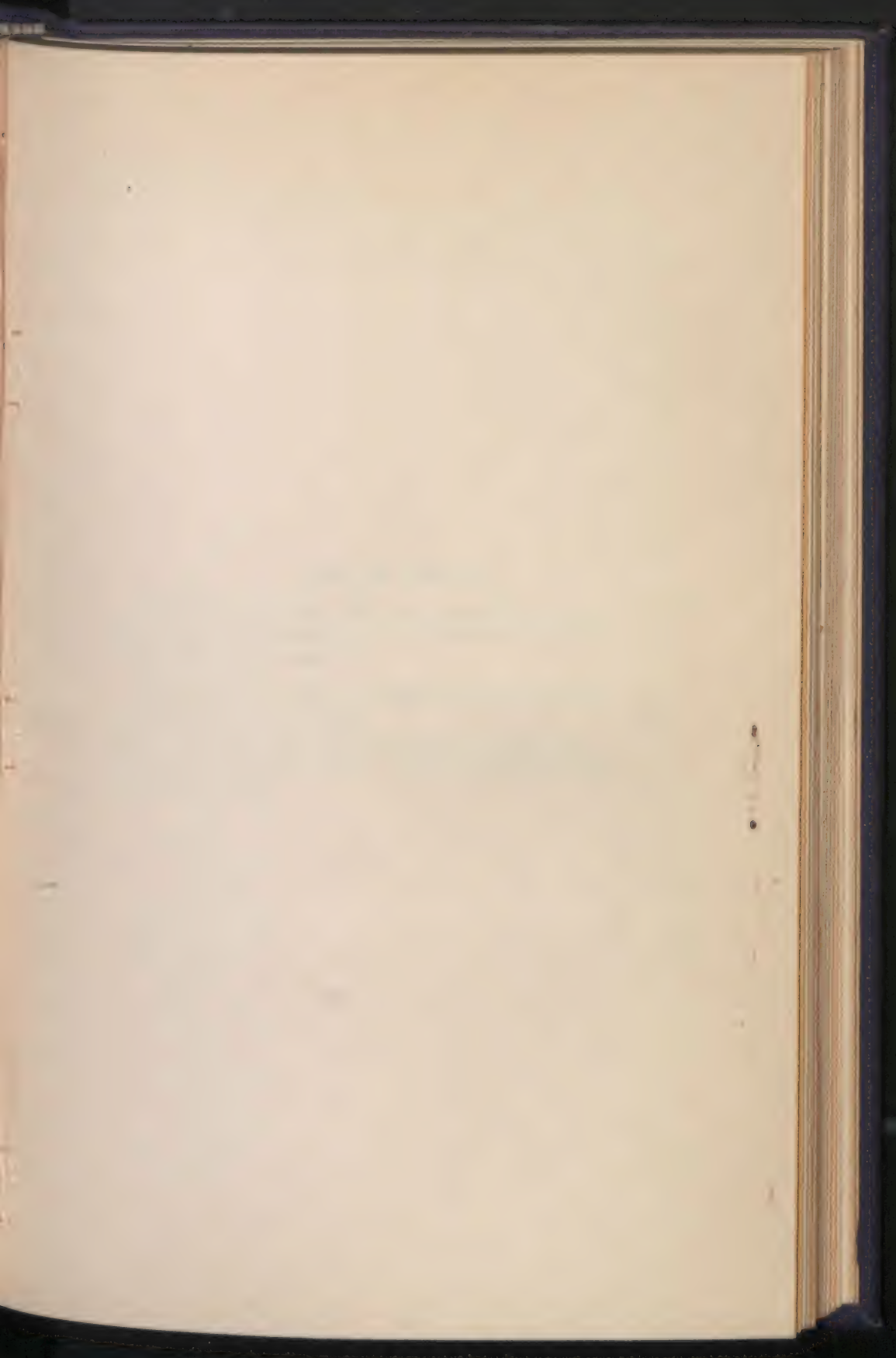


# INDEX

	Page		Page
Administrative Officers.....	8	Dietetics .....	166
Columbian College.....	41	Directory .....	352
Admission Requirements:		Dispensary, Staff.....	21
Engineering, College of.....	49	Doctorate Disputation.....	68, 99
Graduate Studies, School of ..	18	Drawing .....	81, 124
Law School.....	197	Economics .....	84, 126
Medical School.....	147	Education .....	10
Nurses School.....	185	Educational Organization.....	52, 86
Pharmacy, School of.....	189	Electrical Engineering.....	212
Summer School.....	118	Employment .....	49
Teachers College.....	59	Engineering, College of.....	88, 126
Allied Associations.....	350	English .....	194
Anatomy .....	162	Ethics .....	90
Applied Mathematics.....	67	Ethnology .....	13
Archaeology .....	67	Faculties:	
Architecture .....	68	Arts and Sciences.....	17
Arts and Sciences:		Columbian College.....	17
Department of.....	13	Engineering College.....	17
Courses of Instruction.....	66	Graduate Studies, School of...	193
Art, History of.....	67	Law School.....	132
Assemblies .....	11	Medical School.....	188
Astronomy .....	70	Pharmacy, School of.....	335
Astro-Physics .....	70	Summary .....	120
Bacteriology .....	71, 166	Summer School.....	17
Board .....	181	Teachers College.....	
Botany .....	71, 124	Fees:	
Calendar .....	3	Arts and Sciences.....	39
Chapel .....	39	Law School.....	212
Chemistry.....	54, 55, 72, 124, 164	Medical School.....	180
Civil Engineering.....	51, 75	Pharmacy, School of.....	191
Classical Languages.....	77	Summer School.....	119
Classical Literature.....	79	French .....	111, 127
Columbian College.....	41	Genito-Urinary Diseases.....	174
Columbian Women .....	351	Geographical Distribution.....	334
Combination Courses.....	44, 47, 210	Geology .....	91, 128
Commencement .....	11	German .....	92, 128
Commerce .....	44, 79	Graduate Studies.....	18
Consular Service.....	45	Greek .....	77
Convocation .....	11	Gynecology .....	174
Council, President's.....	9	History .....	94, 128
University .....	7	History of the University.....	10
Degrees, Conferred.....	336	Home Economics.....	97, 129
Degrees, Requirements for:		Hospital .....	184
A. B.....	41	Hospital, Lady Managers.....	184, 353
A. M.....	18, 60	Hospital, Staff.....	143
B. S. in Arch.....	56	Hygiene .....	110, 171
B. S. in Chem.....	55	International Law.....	110
B. S. in Ch. E.....	54	Institutions, Governmental,	
B. S. in C. E.....	51	Privileges in.....	11
B. S. in E. E.....	52	Jurisprudence, Medical.....	171
B. S. in M. E.....	53	Latin .....	78
B. S. in Med.....	47	Laryngology .....	174
B. S. in Phar.....	190	Law School.....	193
B. S. in Physics.....	57	Law School Association.....	350
C. E.....	20	Library .....	11, 119, 196
E. E.....	20	Library Science.....	129
LL. B.....	210	Materia Medica.....	
LL. M.....	210	Mathematics .....	98, 129
M. D.....	190	Mechanical Drawing.....	99
M. E.....	20	Mechanical Engineering.....	100
M. P. L.....	210	Medical School.....	132
Ph. D.....	20	Medical Society.....	179
S. M.....	18	Medicine .....	169
Dermatology .....	171	Meteorology .....	102
Diagnosis .....	171	Microscopy .....	71, 168

	Page		Page
Military Surgery.....	174	Semitics .....	116
Mineralogy .....	91	Sociology .....	81, 124
Nautical Science.....	103	Spanish .....	113, 131
Nurses, School for.....	183	Students:	
Obstetrics .....	175	Arts and Sciences, Depart-	
Ophthalmology .....	174	ment of.....	215
Orthopedics .....	173	Columbian College.....	223
Otology .....	174	Engineering, College of.....	261
Pathology .....	166	Graduate Studies, School of..	215
Pediatrics .....	170	Law School.....	295
Pharmacology .....	165	Medical School.....	291
Pharmacy, College of.....	188	Pharmacy, School of.....	294
Philosophy .....	103, 129	Summer School.....	
Physics .....	105, 130	Arts and Sciences.....	276
Physiology .....	163	Law .....	329
Political Science.....	108, 130	Teachers College.....	270
Portuguese .....	115	Student Activities.....	12
Powell Foundation.....	34	Summaries:	
Pre-Medical Courses.....	47	Arts and Sciences, Depart-	
President's Council.....	9	ment of.....	290
Preventive Medicine.....	110	General .....	335
Prizes:		Law School.....	333
Arts and Sciences, Depart-		Summer School:	
ment of.....	35	Arts and Sciences.....	118
Law School.....	211	Law .....	206
Medical School.....	173	Surgery .....	171
Public Service Courses.....	45	Teachers Appointment Bureau..	61
Psychiatry .....	170	Teachers College.....	59
Psychology .....	103, 129	Teachers' Diploma.....	60
Radiography .....	173	Therapeutics .....	165
R. O. T. C.....	179	Theses, Regulations regarding	21, 22
Romance Languages.....	111	Tropical Medicine.....	170
Romance Literatures.....	116	Trustees .....	5
Rooms .....	181	University Council.....	7
Scholarships:		Withdrawals .....	40, 181
Arts and Sciences, Depart-		Y. M. C. A.....	179
ment of.....	32	Zoology .....	116, 131









#### FORM OF REQUEST

One hundred thousand dollars will establish a chair, five thousand dollars a scholarship, and one thousand dollars a prize, in any department of the University.

*"I give and bequeath to the George Washington University, of Washington, D. C., the sum of                      dollars, free from legacy duty or tax, the same to be used as its Board of Trustees may determine (or, in case of a special gift, stating the terms of the gift)."*





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# George Washington University Bulletin

COMMENCEMENT NUMBER

THE COMMENCEMENT ADDRESS

THE PRESIDENT'S ADDRESS TO THE GRADUATES

HONORARY DEGREE STATEMENTS

SUMMARY OF DEGREES CONFERRED

SUMMARY OF REGISTRATION 1921-22

JUNE, 1922





## UNLOCKING THE HEART OF AMERICA

By HUSTON THOMPSON

*Member Federal Trade Commission, before the Graduating Class of George Washington University, June 7, 1922, Washington, D. C.*

MR. PRESIDENT, MEMBERS OF THE GRADUATING CLASS, AND FRIENDS OF THE UNIVERSITY:

This great event in your lives reminds me of a similar one which occurred in my own life some twenty-five years ago, the anniversary of which will be celebrated at a reunion within a few days.

Like the members of many other graduating classes of those days, we plunged into the vortex of life with some doubts, many emotions and lofty sentiments, and were soon at our daily tasks swallowed up in the confusion of numbers. Into this world of reality we carried the dreams of our undergraduate days.

One of the dreams which I recall particularly was inspired by the saying of one of the few really great men of the world. It was Aristotle, the teacher of Alexander the Great, who lived in the City of Athens three hundred years before the advent of Christ. Fancy yourself seeing that savant of old gazing into the future and predicting with a truly prophetic vision that: "Human slavery will not end until the advent of the Man of Iron."

Twenty-five years ago the Man of Iron had made his advent, and was stretching his colossal limbs over our nation in ever-growing proportion. It was reasonable to expect that the prophecy of Aristotle about the ending of human slavery was to be fulfilled. At least we entered the race of life upon this assumption.

As time rushed on, probably most of my fellow graduates and others of that decade consciously or unconsciously helped with feverish activity to add more cubits to the dimensions of this marvelous Man of Iron,—the embodiment of our machine-made age.

In that brief span of life we have seen the world made a whispering gallery through electricity; the face of Nature changed through coal and steam; the bird outrivaled through power generated by oil. Indeed, we have set up a Frankenstein civilization that seems to wear seven-league boots with which our spiritual selves are unable to cope. For the machine has lifted men from the soil and drawn them into the cities and tied them to its chariot, where day after day they do its bidding.

Moreover, as man puts his hand to the machine the monotony of it in the long run is apt to blunt the development of his spiritual faculties until his soul finally succumbs to the never-ceasing drive of the heartless master. Instead of our dominating this monster and making him responsive to our commands, he has perched himself upon our backs like the old man of the sea and drives us hither and thither until we ask ourselves, "Has the arrival of the Man of Iron really freed civilization of slavery?"

In America we sought to build up this Man of Iron by standardized mass production, believing that by this means we would free labor of its too arduous toil, supply the human needs, and thus bring happiness to all. Our fetish became efficiency, and the whirl of the wheels and the roar of the machinery called man closer to them until they caught him in their embrace and with their insatiable appetites demanded further standardization, even the standardization of human souls.

Analogous conditions exist in other countries. The British mind in raising up its Man of Iron turned its efforts not to standardized mass production, but to massive production,—heavy machinery, giant engines and big ships,—that would produce and distribute British goods, expecting by this means to tie the little island to her colonies, and secure for herself first place in the markets of the world.

Germany, on the other hand, took a different course. She went back into her laboratories and sought to build up her Man of Iron by applying science to industry, expecting by this means to increase and cheapen production so that she might dominate and capture the markets of the world. So absorbed did her people become in this task that the whole nation dedicated itself to building up its Man of Iron, until finally the hour arrived when he absorbed the builders and began to stalk across the world in search of others to satisfy his appetite, determined to capture by force what he had not already taken by brains.

Then we Americans did wonderful things. A wave of sentiment aroused us to such a degree that we wrenched this giant loose from our shoulders and put a bit in his teeth. With all the energies of an awakened nation we conjured together a thunderbolt, hurled it at the German Man of Iron, and shattered him into fragments.

Having completed the job, we rapidly climbed down from the exalted position where the ideals that inspired the founders of our nation had again stirred the heart of our America, and remarkable to relate, began once more to bow our shoulders to this juggernaut. And now, today, as you look upon the stage of life, you will see



His Utilitarian Majesty once more sitting in the seats of the mighty, while the classes and masses, automatically as it were, take their cue from him.

Let us poll some of the actors of the drama of life in which we live, and ask them what their contribution has been to the Man of Iron.

Come with me down into the legalist's office and propound the question to him. He will perhaps point with pride to his book shelves, where lie the voluminous output from our courts and commissions, consisting of about twenty-three thousand legal decisions and rulings a year. He will insist with some show of pride probably that the law is the foundation of civilization—even of the civilization of today.

Let us put the question to the medical man standing within the influence radiating from this great civilization, and with a far-away gaze in his eyes he will picture the wonders that medicine has accomplished in the tropics, the triumphs of modern surgery and the latest achievements of gland transplanting. Suggest to him that perhaps his is now a bread and butter profession, and, while possibly admitting this, he will claim that the order to which he belongs has added several cubits to the stature of this civilization.

But proudest of all is our modern business man who has been crowned above all others by civilization. He rejoices in being called the "hard-headed" business man and he will tell you with pride that he has brought it about, that this nation produces more than one third of the manufactured goods of the world; that it is the richest and most powerful country, and that he has helped to fill the pockets of this Man of Iron with gold until he possesses over \$3,000,000,000 of the world's medium of exchange.

And so we could summon the other builders one by one until there would be unfolded before your eyes the marvelous proportions of this materialistic conception of our generation. Who will deny that we are living in a marvelous age, that men have struggled harder perhaps than in any other civilization, and wrought greater things? But let us draw a little closer to these actors.

Separate that lawyer from the conventional appraisal, and catch him off his guard. Take the medical man who has gone through the routine college courses and with his scalpel has dissected the human body to the very bones of the skeleton, or witness yonder "hard-headed" business man seeking to expand his business to the ends of the earth. You will be struck by the fact that they seem to be gazing into a future where they fear the coming of a pestilence that walketh in darkness or destruction

that wasteth at noonday. If you will observe carefully you will notice that they are seeking for something and, as they seek, are turning their eyes in your direction.

Why, you may ask, should they turn to you? It is because this thing which they seek is synonymous with youth,—dulls with age and dies in the minds of those who have been pounded with materialistic thoughts. It is the thing which the older nations have lost and which causes them to look with longing eyes toward youthful America in the hope that she still possesses it.

It is the key to the soul, even of the Man of Iron. For the lack of a better name we call it Sentiment. I have no doubt but that it is still here in America, but the generation which is on the stage today has lost it. This is why it awaits the coming of youth—of you, on life's stage with an eagerness almost pathetic in its intensity.

I would not have you misunderstand what I mean by this word "sentiment." It is not that emotion which causes people to scatter charity that produces paupers. It is not sentimentalism, nor momentary mass emotion. It involves a cooperation of the heart and of the mind. It is that thing in the British Government which causes it to reach down into the civil service and mark him who benefits his country most in that great service, raises him to knighthood, or declares that whenever the humblest subordinate contributes anything of value, in a documentary way or otherwise for his country, that his name shall be stamped upon the work so that he shall be recognized.

It is that appealing force which has caused France to set aside a sum each year as a reward to the one performing the greatest service for the government, and when that award is about to be made, selects not the statesman nor the artist, nor the soldier, but causes the spirit of France to reach down into the peasant life and pick out a girl of nineteen years of age, whose father being an invalid and mother insane, left her their six children to care for. Cheerful and smiling, she tended to her daily duties of washing and dressing and feeding these children, and sending them off to school. And then, after working all day in a match factory, she returned to wash and feed and put the little ones to bed. For her cheerful, uncomplaining efforts to keep the family intact, and the home fires burning she was crowned by France as the one having done the greatest service for the nation.

This sentiment is the thing that moved one of our own merchants to come before a public body and say, "We merchants have been practicing the unlawful and uneconomic thing called commercial bribery, and have spent thousands of dollars in tying up



the salesmen of concerns to purchase from us in order that we may keep the business from a fellow merchant. I am so anxious to stop this practice for the good of our industry that I will be willing to take the odium of an order against me to cease this practice regardless of the financial loss so that by setting an example our industry may be purged of this practice."

It is the thing that caused a leading manufacturer not many months ago to stand out against a great combination of other manufacturers who joined with groups of jobbers to compel this business man to come into line and fix prices on an article of general use in this country, and gave him the courage to withstand secret attacks from every direction so that, as he said to them, he might live up to the laws of our land regardless of the consequences to his business.

It is this impulse that sometimes moves nations to do a wonderful thing—something which they never dreamed would return to them benefits a thousand fold, as it did when America returned the sum of \$24,000,000 to China which was the amount allotted to us by the concert of nations from China after the Boxer Uprising.

You will recall—for it is worth being recalled many times in order to make us realize the real constructive things of the world—that instead of taking these twenty-four million dollars, we turned them back, with the suggestion that China devote the funds to the education of her sons and daughters. This simple little act so stirred the sentiment of that nation that China opened up its soul and declared that it would send its sons and daughters with that fund to America to catch the spirit which would prompt such an act. And it has more than made good by placing in our universities for twenty years three hundred of the pick of the boys and girls of China. And added to this are the three hundred more sent by the provinces that make up that country. Today many of the earlier students are in high places in the Government of that awakening nation.

We know that there is an open door in China to America, opened by a little act of sympathy, which has done as much in a constructive way to establish a cordial relationship between these two nations as any other one act in the history of international relations.

Do not these instances which I have recited point the way to the thing which will unlock not only the heart of the individual and nation, but of all nations? Is it not the thing which will give us the key to unlock the breast of this Iron Man of ours so that we can put a soul in there, if there be not one there already, and

eliminate the slavery of our time—the heartless selfishness of the materialist. Does it not say to us that we as a nation, if we would respond to this sentiment, can no longer act in the Confucianistic spirit of negation, but that we must resort to affirmative acts as glorified in the Sermon on the Mount in our relations with the rest of the world; that we can not pass like the priest and the levite along the road and abandon those that suffer, but must lift them up, bind up their wounds, and set them on their way. And does it not also mean that when Macedonia cries to us we shall answer the call, and declare to the world that we are our brother's keeper?

And finally, when we have unlocked the soul of our modern civilization with this key, then the slavery of hesitation, the slavery of fear, and the lack of faith in others will fall away and we shall take this Man of Iron, bridle him and drive him, so that he shall become our servant and not our master.

Tonight, in the optimism of this hour, I salute this great class, call upon you individually and collectively as you advance to receive your diplomas and make your entrance upon the stage of life, that you will let sentiment open your soul, so that when the call comes to you, as come it will, to make articulate the soul of our country, you will answer with a thrill in every fibre of your being, "Present."



## ADDRESS TO THE GRADUATES

*By* PRESIDENT HODGKINS

On behalf of the University, its trustees, its faculties, and for myself officially and personally, I congratulate you. I wish you Godspeed.

Few of us in the faculty know of the sacrifices that many of you have made—sacrifices of time, sacrifices of money, sacrifices of pleasures—in order to complete the courses for your degrees; sacrifices that will result in large good for you; sacrifices, we trust, that will result in large good for the communities in which you live.

I am a graduate of this University myself, and therefore I am especially glad to welcome you among the alumni of our University. I am also glad that the graduating exercises of your University courses have been held in this hall—this Memorial Continental Hall of the Daughters of the American Revolution—this hall built to commemorate the labor and the sacrifices and the visions of those who made this country the Republic that it is.

It is a part of the education that you receive as students of the George Washington University that you are living in Washington during your student days. And in Washington this last year has been notable for many things that have stirred the patriotic emotions—notable for many things that bring forth that sentiment so eloquently portrayed to you by the speaker of the day. Beginning last November with the burial of the Unknown Soldier, followed by the convention on the Limitation of Armaments held in this very hall, and in more recent weeks by the unveiling of the Grant Monument and the dedication of the Lincoln Memorial—all of these are a part of that broadening influence that will make you better citizens of this country, better citizens of the world.

We can not live to ourselves alone. We must mingle with our fellow beings. To you who have tonight received diplomas certifying the completion of University courses, to you there is a call to duty. Note the phrase used in the conferring of the diplomas: "As with all the rights and privileges, so with all the duties pertaining to that distinction."

A century and a half ago, nearly, those in whose memory this hall was built felt a call to duty, a call to duty to make life better for themselves and for their generation, a call to duty that was to result in bringing good to the generations that have come.

And for you, too, all of you, there should be ever this call to duty.

This environment in which we live, this civilization that we have, comes from the efforts, the strivings, the labors of the strong in intellect, the broad in vision. Civilization is maintained, civilization is advanced by uplift, not by upheaval. It is your part to help in that uplift. As you go forth into the duties of life there may come to you times of trouble, winters of discouragement, days when you can scarcely see that there is any hope. And so it was to those in whose memory this hall was built.

But Valley Forge was followed by Yorktown. And so to you, victory will come if you have that character which we hope you have, that character which is the ideal this University seeks, that character which this University endeavors to develop in you.

For some of you the circle of influence may be small, for others it may be large. But be it a town or county, a state or the world, wherever and however you are performing your duty, it must be a duty that is advancing civilization in some way, that is an influence for the good of those with whom you are associated and for those in whose memories your lives are a molding power.

You are now joined to nearly ten thousand who have gone from the halls of this University in the hundred years that have passed since it was founded. We count on you to keep untarnished the name of the institution; we count on you to advance yourselves in moral and intellectual power, to live lives of force and growth, to be true litizens of this country.

And as I said in the beginning, so I say in conclusion: I congratulate you; I wish you Godspeed.



## STATEMENTS BY PRESIDENT HODGKINS IN CONFERRING HONORARY DEGREES

HELEN NICOLAY

*Author, cultivator of literature and the fine arts*

Citizen of the District of Columbia, student of history and biography. In your books on history you have presented in delightful language facts about great leaders in this country, especially Lincoln and Grant, that give to the youth of the land information and inspiration promotive of true patriotism. You bring to your readers in all that you write the charm of a facile pen and of a well-trained mind, artistically discriminative.

For these and other services, on behalf of George Washington University, I confer upon you the honorary degree of Master of Arts, and I authorize you to receive a diploma and be invested with the insignia of the degree.

WALLACE RADCLIFFE

*Clergyman*

Bachelor of Arts, Master of Arts, Doctor of Laws of Washington and Jefferson College; Doctor of Divinity of Lafayette College. Minister of the Presbyterian Church, serving in Philadelphia, in Detroit, and for twenty-seven years in Washington. Prominent and influential in the councils of the church, as Moderator in various districts, and as Moderator of the General Assembly of the Presbyterian Church in the United States; delegate of the church to councils in this country and abroad. Acknowledged authority on church doctrine and church government.

During the twenty-seven years you have lived in Washington you have brought the word of God to thousands upon thousands; never losing sight of the true spirituality of religion. You have ever been a student of affairs, and have shown the links and connections of the day's work with the teachings of the Christ. You have shown how man may best live the life of today so as to advance the civilization and culture of the world; so as to make real the spiritual that so transcends the material.

Because of the life you have lived, the doctrines you have taught, the spiritual good you have done, on behalf of the George Washington University, I confer upon you the honorary degree of Doctor of Divinity, and authorize you to receive a diploma and be invested with the insignia of the degree.

## HAROLD LINDSAY AMOSS

*Bacteriologist and immunologist*

Bachelor of Science and Master of Science of the University of Kentucky; for a time a student in the Medical School of George Washington University; later, Doctor of Medicine and Doctor of Public Health of Harvard University. You have used your knowledge, you have used your genius in research, for the benefit of humanity. You have served as a teacher, you have served as a medical officer during the World War, where you attained the rank of Major. You have been on the Scientific Staff of the Rockefeller Institute of Medical Research, where you have reached the rank of Associate Member in Pathology. You are soon to join the staff of the Medical School and Hospital of Johns Hopkins University. For fifteen years you have been a contributor to various medical journals of valuable articles on subjects in your fields of research.

In recognition of these and other services you have rendered, on behalf of George Washington University, I confer upon you the honorary degree of Doctor of Science, and I authorize you to receive a diploma and be invested with the insignia of the degrees.

## JOANNES GENNADIUS

*Diplomat, scholar, author, encourager of learning*

For many years you have served your native country most illustriously, and so serving, have served the whole civilized world. Entering the diplomatic service of Greece at an early age, you have been its representative at Constantinople, at London, at Vienna, at the Hague. You have been its delegate at many conferences and congresses. After being in active service long beyond the usual age, you were retired with the permanent title of Envoy Extraordinary and Minister Plenipotentiary of the first class.

Recently you have been called from retirement and sent to this country on a special mission.

You have received decorations and honors from your own country and from many foreign countries. You have recently shown your interest in learning and in culture by presenting to the American School at Athens your magnificent London library of upward of fifty thousand treasures of literature and art.

In recognition of this and other services and because of your career, distinguished in so many ways, on behalf of the George Washington University, I confer upon you the honorary degree of Doctor of Humane Letters and I authorize you to receive a diploma and be invested with the insignia of the degree.



## HUSTON THOMPSON

*Lawyer, teacher, public official*

Bachelor of Arts of Princeton University. Student in Law, practitioner of law in Colorado, lecturer in Law in the University of Denver, Assistant Attorney General of Colorado, Assistant Attorney General of the United States, member and for a time chairman of the Federal Trade Commission.

As you have risen, through merit, from position to position, you have ever shown that broad grasp of affairs, that accurate judicial judgment that can be had only by a mind trained, by a brain well stocked with facts. Ever interested in education, you have been a constant friend to this University since you came to Washington fifteen years ago. You represent the type of public official of which this country is proud.

In recognition of these and many other services, on behalf of the George Washington University, I confer upon you the honorary degree of Doctor of Laws, and I authorize you to receive a diploma and be invested with the insignia of the degree.

# SUMMARY OF DEGREES CONFERRED AT COMMENCEMENT, JUNE 7, 1922.

## IN COURSE

<i>Columbian College</i>		
Bachelor of Arts.....	115	
Bachelor of Science in Medicine.....	2	
<i>College of Engineering</i> .....		117
Bachelor of Science—		
In Architecture .....	1	
In Chemistry .....	5	
In Chemical Engineering .....	2	
In Civil Engineering .....	4	
In Electrical Engineering .....	1	
In Mechanical Engineering .....	5	
<i>Teachers College</i> .....		18
Bachelor of Arts and Bachelor's Diploma in Education .....		28
<i>Medical School</i>		
Doctor of Medicine.....	11	
Nurses' Certificate .....	7	
<i>Law School</i> .....		18
Bachelor of Laws.....	118	
Master of Laws.....	11	
<i>College of Pharmacy</i> .....		129
Bachelor of Science in Pharmacy.....		1
<i>School of Graduate Studies</i>		
Civil Engineer .....	1	
Master of Science.....	16	
Master of Arts.....	36	
(3 with Master's Diploma in Education)		
Doctor of Philosophy.....	9	
(1 with Doctor's Diploma in Education)		62
Degrees in Course.....		373

## HONORARY

Master of Arts.....	1	
Doctor of Divinity.....	1	
Doctor of Science.....	1	
Doctor of Humane Letters.....	1	
Doctor of Laws.....	1	
		5
Total number of Degrees conferred.....		378



## SUMMARY OF REGISTRATION

	<i>Registration</i> 1921-22	<i>Registration</i> 1920-21
School of Graduate Studies.....	320	229
Columbian College .....	2,183	1,968
Engineering College .....	545	540
Teachers College .....	367	307
Medical School .....	151	113
Law School .....	1,045	898
School of Pharmacy .....	21	14
	<hr/>	<hr/>
	4,632	4,069





VOLUME XXI

NUMBER 3

# George Washington University Bulletin

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REPORT OF THE TREASURER

1921-1922



PUBLISHED BY THE UNIVERSITY  
WASHINGTON, D. C.





# George Washington University Bulletin

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REPORT OF THE TREASURER  
for the year ended August 31, 1922

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Volume XXI, Number 3  
October, 1922

PUBLISHED BY THE UNIVERSITY AT WASHINGTON, D. C.  
MARCH, JUNE, OCTOBER AND DECEMBER

Entered October 6, 1904, at Washington, D. C., as second class matter  
under Act of Congress of July 16, 1894.





## Report of the Treasurer.

October 18, 1922.

THE BOARD OF TRUSTEES OF GEORGE WASHINGTON UNIVERSITY:

GENTLEMEN: I have the honor to submit herewith a report showing in detail the financial operations of the University for the fiscal year ended August 31, 1922; and exhibiting the state of the Trust Funds, as required by the By-Laws of the University, certified by the American Audit Company of New York.

The total net resources of the University are \$1,438,908.42, a gain for the year of \$135,185.85, as shown in the following comparative summary of Assets and Liabilities for 1920-21 and 1921-22:

### COMPARATIVE SUMMARY OF ASSETS AND LIABILITIES, 1920-21 AND 1921-22.

	<i>Assets.</i>		<i>Increase.</i>	<i>Decrease.</i>	<i>Net increase.</i>
	<i>1920-21</i>	<i>1921-22</i>			
Cash, General Funds.	\$32,916.58	\$3,926.02	\$26,362.07		
Temporary investment of surplus cash.....		55,352.63			
Cash, Endowment Income.....	10,671.79	13,024.35	2,352.56		
Trust Funds.....	541,257.80	541,059.85		\$197.95	
Property used for Education.....	1,023,994.95	1,094,943.76	70,948.81		
Library Books.....	50,019.12	52,437.96	2,418.84		
Accounts Receivable.	40,423.91	49,113.82	8,689.91		
Perpetual Insurance Deposits.....	1,406.25	1,406.25			
Equipment.....	108,989.51	115,106.07	6,116.56		
	<u>\$1,809,679.91</u>	<u>\$1,926,370.71</u>	<u>\$116,888.75</u>	<u>\$197.95</u>	<u>\$116,690.80</u>

	<i>Liabilities.</i>		<i>Increase.</i>	<i>Decrease.</i>	<i>Net decrease</i>
	<i>1920-21</i>	<i>1921-22</i>			
Notes Payable.....	\$148,934.50	\$138,192.90		\$10,741.60	
Liability to Endowment Fund.....	350,881.55	348,881.55		2,000.00	
Accrued expenses not due.....	5,316.73	387.84		4,928.89	
Accounts Payable...	824.56			824.56	
	<u>\$505,957.34</u>	<u>\$487,462.29</u>		<u>\$18,495.05</u>	<u>\$18,495.05</u>
Total Net Resources.....	<u>\$1,303,722.57</u>	<u>\$1,438,908.42</u>			
Increase of Net Resources.....	<u>\$135,185.85</u>				

Trust Funds were increased during the year \$990.43 as follows: Reinhardt bequest, \$500.00; Founders of Columbian Women Fund, \$560.00; Endowment Restoration Fund, \$207.96; Alumni Endowment Fund, \$45.00; Total, \$1,312.96 less loss on Congressional Professorship Fund,

\$322.53; net total, \$990.43. Executory Trust Funds were decreased \$2,774.35 by the execution of trusts as follows: Law School Fund, \$675.37; Hospital Improvement Fund, \$41.92; Law School Building Fund, \$2,057.06; and increased through the following funds: Denman Law School Fund \$80.05; Jacques Law School Fund, \$321.66; Jacques Medical Fund, \$269.42; Mayer Hospital Fund \$232.71; General Building Fund, \$674.63; Chemical Building Fund \$7.50; a total increase of \$1,585.97 making a net total decrease of \$1,188.38.

One New Trust Fund was opened during the year and the following amount received: Reinhardt bequest, \$500.00.

Real Estate used for educational purposes or acquired for sites is valued at \$1,094,943.76, an increase of \$70,948.81. The increase is accounted for by the purchase of the following properties: 2014 H Street, \$5,280.88; Lots in square 62, \$19,134.00; 2024 G Street \$14,033.93; and the Maxwell Van Zandt Woodhull bequest valued at \$32,500.00.

The Mortgage Debt stands at \$123,192.90, a decrease of \$25,741.60, by curtailments as follows: Law School Building \$25,000.00; Nurses' Home, \$485.00; 720 Twentieth Street, \$256.60.

Laboratory Equipment and Furniture are valued, after writing off depreciation at \$115,106.07, an increase by purchase of \$6,116.56.

Books in the Libraries are valued, after writing off depreciation at \$52,437.96, an increase by purchase of \$2,418.84.

Contributions other than those reported under Trust Funds, were received as follows:

National Geographic Society for salaries .....	\$2,000.00
Board of Lady Managers of the Hospital .....	1,236.00
Gifts for prizes .....	140.00

Property under Lease for educational purposes:

2022 G Street, one year to September 30, 1923 .....	\$1,500.00
Basement Concordia Church, eight months .....	600.00

Cash Receipts and Payments are summarized as follows:

Balance brought over from 1920-21 ..	\$31,141.58
Receipts for the year 1921-22 .....	649,054.68
	<hr/>
	\$680,196.26
Disbursements for the year 1921-22 .....	678,065.24
	<hr/>

Balance on hand August 31, 1922 .....

\$2,131.02\*\*

Accounts Receivable from students at the close of business August 31, 1922 was reported as \$42,121.24. This included charges against Veterans' Bureau students of \$29,493.94, (since paid), leaving a balance due by other than government students of \$12,627.30, or 2 and 8/10ths per cent of total student charges for the year, a part of which will be collected during the year 1922-23. The rate of non-collections for the preceding year was 3 and 7/10ths per cent, a part of which was collected after the year closed.

A statement in detail of Receipts and Payments will be found in Exhibit "L" of this report.

Respectfully submitted,  
CHARLES W. HOLMES,  
Treasurer.

\*\* At intervals during the year 1921-22, surplus cash of the General Fund was invested in Government securities drawing a higher rate of interest than the bank deposit, to the amount of \$140,402.00, and a portion of these securities was sold, as needed, to the amount of \$85,049.37, leaving a net investment belonging to the General Fund, at the close of the year, \$55,352.63. Properly, this investment of surplus cash in liquid securities should be considered as cash on hand at the close of business August 31, 1922, in addition to the \$2,131.02 reported above.



# Report of the American Audit Company.

September 30, 1922.

We have examined the accounts and records of the GEORGE WASHINGTON UNIVERSITY for the year ended August 31, 1922.

Our report, including Exhibits, is as follows:

## EXHIBIT "A"—Balance Sheet.

"B"—Surplus.

"C"—Revenue Account.

"D"—Department of Arts and Sciences.

"E"—Department of Arts and Sciences—Summer School.

"F"—Law School.

"G"—Law Summer School.

"H"—Medical School.

"I"—Medical Summer School.

"J"—College of Pharmacy.

"K"—University Hospital.

"L"—Statement of Cash Receipts and Payments.

"M"—Trust Funds.

"N"—Endowment Funds Investments.

"O"—Executory Trust Funds Investments.

"P"—Endowment and Executory Trust Funds, Income and Expense.

CASH: \$3,926.02

We counted the cash on hand September 2, 1922, and reconciled the Cash Account with the Bank Account as at August 31, 1922.

## INVESTMENTS:

On September 29, 1922, we inspected the Liberty Bonds, which compose this account.

ACCOUNTS RECEIVABLE: \$48,863.82

This amount consists of Fees, etc., due for the term of 1921-1922, from students in the various departments, and other Accounts Receivable as follows:

School of Graduate Studies.....	\$1,855.86	
Columbian College.....	9,012.65	
College of Engineering.....	6,484.89	
Teachers College.....	725.62	
Summer School.....	4,971.59	
		<hr/>
Total Department of Arts and Sciences.....		\$23,050.61
Law School.....	12,980.45	
Law Summer School.....	3,928.40	
		<hr/>
		16,908.85
Medical School.....	1,448.81	
Medical Summer School.....	581.33	
		<hr/>
		2,030.14
College of Pharmacy.....		131.64
Accounts due University Hospital from patients for the year 1921-1922.....		4,904.01
Student Activities.....		206.25
Income from Endowments.....		1,632.32
		<hr/>
		\$48,863.82
		<hr/>

The balances standing in accounts due at September 1, 1921, remaining unpaid as at August 31, 1922, are considered worthless and were charged to Surplus.

DEPRECIATION:

Depreciation on the Library Books, and Equipment was charged off to the amount of \$2,479.60.

NET INCOME:

The Net Income for the year from all departments including the University Hospital was \$115,066.78, as shown by Exhibit "C."

SURPLUS: \$884,824.22.

The changes in this account since August 31, 1921, are shown by Exhibit "B."

TRUST FUNDS:

On September 29, 1922, we inspected the securities representing the investments of the Endowment and Executory Trust Funds, in stocks, bonds, and notes, as per Exhibit "N" and "O."

We verified the cash balances as at August 31, 1922, representing uninvested principal \$3,337.42, and unexpended income \$13,024.35, of the Endowment and Executory Trust Funds with the bank accounts.

Respectfully submitted,  
THE AMERICAN AUDIT COMPANY,  
By C. R. CRANMER,  
*Resident Manager.*

Approved:

F. W. LAFRENTZ, *President.*

Attest:

C. W. GUTHRIE, *Ass't Secretary.*



GENERAL ACCOUNTS

## REPORT OF THE TREASURER

EXHIBIT "A."  
BALANCE SHEET  
As at August 31, 1922.

<i>Assets.</i>		<i>Liabilities.</i>	
Cash:		Notes Payable:	
In Bank.....	\$2,131.02	Trust Notes.....	\$123,192.90
Petty Cash Funds.....	1,795.00	Demand Notes.....	15,000.00
	<b>\$3,926.02</b>	Interest Payable.....	\$138,192.90
Investments:			387.84
Second Liberty Loan Bonds.....		Liability to Endowment Funds:	
Accounts Receivable:		Principal:	
Students Ledger, 1921-1922.....	42,121.24	Secured by Deed of Trust,	
Hospital Accounts, 1921-1922.....	4,904.01	dated Dec. 1, 1910 on Med-	
Endowment Income Receivable..	1,632.32	ical and Hospital Lands and	
Student Activities.....	206.25	Buildings, 1335-1339 and	
		1341 H Street N. W.....	321,430.23
Insurance:		Liability of the University General	
Withdrawal Value of Perpetual		Property:	
Insurance Policies.....		To Dennan Fund—Principal...	7,179.32
Libraries—Books:		To Specific Endow-	
Arts and Sciences.....	31,367.26	ment Funds In-	
Law School.....	20,879.46	come, which was	
Medical School.....	5,499.43	applied to current	
		expenses prior to	
Less Depreciation.....	57,746.15	August 31, 1910..	\$22,272.00
	5,308.19	Less, Payments in	
		Current year ....	2,000.00
	<b>52,437.96</b>		<b>20,272.00</b>
Equipment:		Surplus: Exhibit "B" .....	
Administration.....	829.90		27,451.32
Arts and Sciences.....	57,322.63		884,824.22
Law School.....	5,872.33		
Medical School.....	31,913.17		
University Hospital.....	33,103.71		
Less Depreciation.....	129,041.74		
	13,935.67		
	<b>115,106.07</b>		
Real Estate.....	1,094,943.76		
Prepaid Salaries.....	250.00		
	<b>\$1,372,286.51</b>		
			<b>\$1,372,286.51</b>



## GENERAL ACCOUNTS

<b>Trust Fund Investments:</b>	
Endowment Funds, Exhibit "N"	\$504,503.74
Executory Trust Funds, Exhibit "O"	33,218.69
Cash on Hand for Investment, Aug. 31, 1922:	\$537,722.43
Endowment Funds, Exhibit "N"	1,720.92
Executory Trust Funds, Exhibit "O"	1,616.50
Cash on Hand, Unexpended Income August 31, 1922, Exhibit "P"	3,337.42
	541,059.85
	13,024.35
	\$554,084.20

<b>Trust Funds, Exhibit "M":</b>	
Endowment Funds.....	\$506,224.66
Executory Trust Funds.....	34,835.19
Surplus.....	\$541,059.85
	13,024.35
	\$554,084.20

NOTE:

Surplus General Property.....	\$884,824.22
Trust Funds.....	541,059.85
Unexpended Trust Funds Income.....	13,024.35
Total Net Resources.....	\$1,438,908.42

## REPORT OF THE TREASURER

## EXHIBIT "B."

## SURPLUS

As at August 31, 1922.

Balance September 1, 1921..... \$751,792.98

*Add:*

Old Accounts Collected..... \$1,680.83

Summer Schools 1921 expenses over estimated..... 646.74

Maxwell Van Zandt Woodhull Bequest:

Lots 803-806, square 102, as appraised by the Washington Real Estate Board. 32,500.00

Net Income for University for the year ended August 31, 1922, transferred from Revenue Account, Exhibit "C"..... 115,066.78

149,894.35\$901,687.33*Less:*

Uncollectible Accounts prior years..... \$12,742.44

Adjustment Fees..... 3,455.74

Old Checks Paid..... 100.00

Old Accounts and Salaries Paid..... 564.93

16,863.11Balance, August 31, 1922, Exhibit "A"..... \$884,824.22



## GENERAL ACCOUNTS

11

## EXHIBIT "C."

## REVENUE ACCOUNT

For the year ended August 31, 1922.

*Income.*

Department of Arts and Sciences:		
Exhibit "D".....	\$26,699.52	
Law School:		
Exhibit "F".....	10,739.25	
Medical School, Exhibit "H".....	3,877.12	
College of Pharmacy, Exhibit "J".....	765.79	
University Hospital, Exhibit "K".....	9,861.93	
Assessment for General Expenses:		
Department of Arts and Sciences.....	\$84,499.81	
Law School.....	42,869.49	
	<u>127,369.30</u>	
Income from Investments:		
Endowments for General Purposes.....	1,632.32	
Other Investments.....	611.84	
	<u>2,244.16</u>	
Income from Other Sources:		
Endowment Fund—Principal.....	3,108.51	
Graduation Fees.....	4,554.00	
Interest.....	2,349.84	
Rent—Net.....	1,318.95	
Miscellaneous.....	860.84	
	<u>12,192.14</u>	
		<u>\$193,749.21</u>

*Expenses.*

Administrative Expenses:		
Administration Hall:		
Heat and Light.....	\$ 694.85	
Wages.....	720.00	
Repairs.....	2,678.04	
Supplies and Expense.....	32.10	
	<u>4,124.99</u>	
Advertising.....	1,408.31	
Auditing.....	625.00	
Commencement Expenses.....	3,647.58	
Insurance.....	418.77	
Legal.....	553.08	
Miscellaneous.....	1,328.39	
Postage.....	1,293.41	
Salaries.....	29,891.29	
Stationery and Printing.....	1,822.13	
Telephone.....	329.96	
Transferred to Medical School.....	22,772.34	
Traveling Expenses.....	819.92	
	<u>\$69,035.17</u>	
Debating Council.....	\$ 275.00	
Interest.....	8,698.06	
Taxes.....	674.20	
	<u>9,647.26</u>	
		<u>78,682.43</u>

Net Income for the year ended August 31, 1922, transferred  
to Surplus Account, Exhibit "B"..... \$115,066.78

## REPORT OF THE TREASURER

EXHIBIT "D."  
DEPARTMENT OF ARTS AND SCIENCES  
For the year ended August 31, 1922.

*Income.*

Tuition:		
School of Graduate Studies.....	\$21,318.75	
Columbian College.....	148,584.46	
College of Engineering.....	52,451.40	
Teachers College.....	23,883.75	
		\$246,238.36
Matriculation:		
School of Graduate Studies.....	628.00	
Columbian College.....	4,354.00	
College of Engineering.....	1,086.00	
Teachers College.....	750.00	
		6,818.00
Laboratory:		
School of Graduate Studies.....	545.53	
Columbian College.....	4,438.94	
College of Engineering.....	3,586.02	
Teachers College.....	306.57	
		8,877.06
Miscellaneous:		
Contribution for McCutchins Prize.....	40.00	
Contribution National Geographic Society...	2,000.00	
		2,040.00
		<u>\$263,973.42</u>

*Expenses.*

Salaries.....	\$122,733.88
Laboratories.....	5,555.55
Stationery and Printing.....	2,709.62
Library.....	665.23
McCutchins Prize.....	40.00
Postage.....	340.35
Telephone and Telegrams.....	389.40
Membership Dues—Associations.....	168.50
Repairs to Equipment.....	556.96
Depreciation on Equipment....	1,146.45
Depreciation on Library Books..	313.67
Miscellaneous.....	349.88
University Hall:	
Wages.....	\$6,808.06
Rent.....	3,000.00
Heat and Light...	5,595.37
Repairs.....	5,181.38
Hauling.....	406.59
Supplies.....	2,090.15
	<u>\$23,081.55</u>
Less, Rent of Fraternity Rooms.....	1,320.50
	<u>\$21,761.05</u>



# GENERAL ACCOUNTS

13

Transferred to Pharmacy.....	\$1,000.00	
Transferred to Medical School.....	1,080.00	
Transferred to General Fund.....	84,499.81	
		<u>\$243,310.35</u>
		\$20,663.07
Net Income Department of Arts and Sciences Summer School, transferred from Exhibit "E".....		6,036.45
Net Income, transferred to Revenue Account, Exhibit "C" ..		<u>\$26,699.52</u>

## NOTE:

Library Books were purchased during the year to the amount of \$1,367.73.

## NOTE:

Tuition was provided by the Department of Arts and Sciences for which it received no monetary consideration, as follows:

Scholarships.....	\$7,363.89
University Aid.....	1,950.75
Ministerial Aid.....	1,312.37
	<u>\$10,627.01</u>

## EXHIBIT "E."

### DEPARTMENT OF ARTS AND SCIENCES—SUMMER SCHOOL For the year ended August 31, 1922.

#### Income.

Tuition.....	\$27,350.50	
Laboratories.....	1,174.49	
		<u>\$28,524.99</u>

#### Expenses.

Salaries.....	\$22,367.00	
Miscellaneous.....	121.54	
		<u>\$22,488.54</u>

Net Income, transferred to Department of Arts and Sciences, Exhibit "D" .....	<u>\$6,036.45</u>
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## REPORT OF THE TREASURER

## EXHIBIT "F."

## LAW SCHOOL

For the year ended August 31, 1922.

*Income.*

Tuition.....	\$105,487.52	
Matriculation.....	2,170.00	
Library.....	76.50	
Sale of Examination Questions.....	83.80	
Contribution for Carver Prize.....	25.00	
Contribution for Herrick Prize.....	25.00	
Contribution for Ellsworth Prize.....	25.00	
	<hr/>	\$107,892.82

*Expenses.*

Salaries.....	\$48,312.41	
Library.....	173.53	
Stationery and Printing.....	1,317.40	
Telephone.....	310.48	
Postage.....	162.30	
Advertising.....	679.92	
Carver Prize.....	25.00	
Herrick Prize.....	25.00	
Ellsworth Prize.....	25.00	
Depreciation on Equipment.....	117.44	
Depreciation on Library Books..	208.79	
Miscellaneous.....	480.04	
	<hr/>	\$51,837.31
Transferred to General Fund....	42,869.49	
	<hr/>	\$94,706.80
Law Hall:		
Wages.....	\$2,415.05	
Heat and Light.....	1,871.98	
Repairs to Equipment.....	1,195.53	
Supplies.....	915.86	
	<hr/>	6,398.42
		<hr/>
		101,105.22
		<hr/>
		\$6,787.60
Net Income Law Summer School, transferred from Exhibit "G".....		3,951.65
		<hr/>
Net Income, transferred to Revenue Account, Exhibit "C",..		\$10,739.25

## NOTE:

Library Books were purchased during the year to the amount of \$1,362.02.



## GENERAL ACCOUNTS

15

## EXHIBIT "G."

## LAW SUMMER SCHOOL

For the year ended August 31- 1922.

*Income.*

Tuition.....	\$10,618.00	
Matriculation.....	381.00	
	<u>          </u>	\$10,999.00

*Expenses.*

Salaries.....	\$ ,002.00	
Stationery and Printing.....	45.35	
	<u>          </u>	\$7,047.35

Net Income, transferred to Law School (Exhibit "F")..... \$3,951.65

## REPORT OF THE TREASURER

EXHIBIT "H."  
MEDICAL SCHOOL  
For the year ended August 31, 1922.

<i>Income.</i>		
Tuition.....	\$31,886.50	
Matriculation.....	492.00	
Laboratory.....	2,596.57	
Special Diplomas.....	10.00	
		\$34,985.07
Transferred from Administration (Exhibit "C").....	\$22,772.34	
Transferred from Arts and Sciences (Exhibit "D").....	1,080.00	
		23,852.34
		<u>\$58,837.41</u>
<i>Expenses.</i>		
Salaries.....	\$39,638.44	
Laboratory.....	3,014.20	
Library.....	167.90	
Stationery and Printing.....	851.27	
Advertising.....	214.95	
Telephone.....	353.46	
Postage.....	126.91	
Traveling Expense.....	196.47	
Repairs to Equipment.....	588.30	
Depreciation on Equipment.....	638.26	
Depreciation on Library Books..	54.99	
Miscellaneous.....	475.43	
		\$46,320.58
Medical Hall:		
Wages.....	\$2,574.07	
Heat and Light.....	3,593.97	
Hauling.....	247.96	
Repairs.....	1,570.67	
Supplies and Expense.....	1,125.99	
		9,112.66
		<u>55,433.24</u>
		\$3,404.17
Net Income Medical Summer School, transferred from Exhibit "I".....		472.95
Net Income, transferred to Revenue Account, Exhibit "C".....		<u>\$3,877.12</u>

## NOTE:

Library Books were purchased during the year to the amount of \$284.25.

EXHIBIT "I."  
MEDICAL SUMMER-SCHOOL  
For the year ended August 31, 1922.

<i>Income.</i>		
Tuition.....	\$2,307.50	
Matriculation.....	64.00	
Laboratories.....	47.65	
		\$2,419.15
<i>Expenses.</i>		
Salaries.....		\$1,946.20
Net Income transferred to Medical School (Exhibit "H")..		<u>\$472.95</u>



## GENERAL ACCOUNTS

17

## EXHIBIT "J."

## COLLEGE OF PHARMACY

For the year ended August 31, 1922.

<i>Income.</i>		
Tuition.....	\$1,934.00	
Matriculation.....	95.00	
Laboratory.....	408.21	
	<hr/>	
	\$2,437.21	
Transferred from Department of Arts and Sciences.....	1,000.00	
	<hr/>	
		\$3,437.21
<i>Expenses.</i>		
Salaries.....	\$1,720.00	
Telephone.....	77.10	
Hear and Light.....	430.71	
Supplies.....	130.68	
Repairs.....	100.75	
Miscellaneous.....	212.18	
	<hr/>	
		\$2,671.42
Net Income, transferred to Revenue Account, Exhibit "C".....		<hr/> <hr/>
		\$765.79

## EXHIBIT "K."

## UNIVERSITY HOSPITAL

For the year ended August 31, 1922.

<i>Income.</i>		
Pay Patients:		
Collected.....	\$89,590.42	
Uncollected.....	4,904.01	
Board of Lady Managers.....	1,236.00	
	<hr/>	
		\$95,730.43
<i>Expenses.</i>		
Salaries.....	\$35,696.75	
Table Supplies.....	23,780.87	
Medical and Surgical Supplies.....	5,385.02	
Electricity and Gas.....	1,708.56	
Fuel.....	3,861.50	
Laundry.....	3,698.72	
Repairs.....	5,855.58	
Miscellaneous Supplies.....	1,240.57	
Ice.....	1,911.75	
Telephone.....	725.29	
Stationery and Printing.....	659.85	
Interest.....	115.00	
Hauling.....	261.65	
Miscellaneous.....	967.39	
	<hr/>	
		\$85,868.50
Net Income transferred to Revenue Account, Exhibit "C".....		<hr/> <hr/>
		\$9,861.93

## STATEMENT OF CASH RECEIPTS AND PAYMENTS

For the year ended August 31, 1922.

Receipts.	Arts and Sciences.	Law.	Medicine.	Hospital.	Pharmacy.	Adminis- tration.	Total.
<b>Students:</b>							
Regular session.....	\$246,885.28	\$97,284.00	\$32,639.62		\$2,489.87		\$379,298.77
Summer session.....	23,484.58	6,933.60	2,181.50				32,599.68
Old fees, 1919-20.....						\$642.30	642.30
Old fees, 1920-21.....	16,622.78	8,024.64	748.68		30.00	80.00	25,506.10
Special lectures.....	358.00						358.00
Graduation fees.....						4,418.13	4,418.13
Contributions.....	2,000.00			\$1,236.00			3,236.00
For prizes.....	40.00	125.00					165.00
From fraternities.....	1,320.50		288.75		5.50		1,320.50
Sale of old equipment.....							294.25
Hospital.....				90,595.42			90,595.42
Rents, 20th Street.....						1,956.21	1,956.21
Endowment income.....						1,360.45	1,360.45
Executory Endowment principal.....						3,108.51	3,108.51
Interest on bank deposit.....						1,755.49	1,755.49
Interest on investments.....	71.15					611.84	611.84
Miscellaneous.....		120.23	472.19			1,115.09	1,778.66
Notes payable.....						15,000.00	15,000.00
Securities sold.....						85,049.37	85,049.37
<b>Total Cash Receipts.....</b>	<b>\$290,782.29</b>	<b>\$112,487.47</b>	<b>\$36,330.74</b>	<b>\$91,831.42</b>	<b>\$2,525.37</b>	<b>\$115,097.39</b>	<b>\$649,054.68</b>
<b>Cash balances September 1, 1921.....</b>	<b></b>	<b></b>	<b></b>	<b></b>	<b>890.62</b>	<b>30,250.96</b>	<b>31,141.58</b>
<b>Total Cash.....</b>	<b>\$290,782.29</b>	<b>\$112,487.47</b>	<b>\$36,330.74</b>	<b>\$91,831.42</b>	<b>\$3,415.99</b>	<b>\$145,348.35</b>	<b>\$680,196.26</b>
<b>Transfers from one Department to another, authorized by Board of Trustees. Added to the Cash Statement by the Treasurer to show condition by Departments:</b>							
A. & S. to Administration.....						\$65,185.00	\$65,185.00
Law to Administration.....						21,728.00	21,718.00
A. & S. to Adm. on property.....						19,314.81	19,314.81
Law to Adm. on mortgage.....						21,141.49	21,141.49
A. & S. to Medicine.....			\$1,080.00				1,080.00
Adm. to Medicine.....			22,772.34				22,772.34
<b>Total.....</b>	<b>\$290,782.29</b>	<b>\$112,487.47</b>	<b>\$60,183.08</b>	<b>\$91,831.42</b>	<b>\$3,415.99</b>	<b>\$272,717.65</b>	<b>\$831,417.90</b>



# GENERAL ACCOUNTS

19

Payments.	Arts and Sciences.	Law.	Medicine.	Hospital.	Pharmacy.	Adminis- tration.	Total.
Departmental.....	\$156,583.41	\$58,387.33	\$47,621.66		\$1,956.92		\$264,549.32
Maintenance.....	23,002.17	6,392.12	9,108.28		720.00	\$2,459.10	41,681.67
1921 Summer School.....	3,462.07						3,462.07
1922-23 Salaries prepaid.....						250.00	250.00
Refunds to students.....	3,118.49	605.43	743.63		221.38	80.00	4,768.93
Refunds old students accounts.....	1,850.61	723.25	445.04		48.66		3,067.56
Student activities.....						206.25	206.25
Hospital.....				\$85,868.01			85,868.01
Equipment.....	3,527.41	479.55	1,980.22	1,528.63		829.90	8,345.71
Library Books.....	1,367.73	1,362.02	284.25				3,014.00
Administration.....						33,247.36	33,247.36
Stationery and Printing.....						1,874.68	1,874.68
Advertising.....						1,245.91	1,245.91
Prizes.....	40.00	125.00					165.00
Postage.....						1,293.41	1,293.41
Interest.....						9,294.74	9,294.74
Insurance.....						1,066.88	1,066.88
Commencements.....						3,647.58	3,647.58
Mortgage Notes Paid.....						25,330.00	25,330.00
Real Estate taxes.....						912.31	912.31
Petty Cash.....						20.00	20.00
1921 accounts payable.....						1,827.43	1,827.43
Real Estate purchased.....						38,454.88	38,454.88
Special repairs.....						2,069.54	2,069.54
Endowment restoration.....						2,000.00	2,000.00
Securities purchased.....						140,402.00	140,402.00
Total cash payments.....	\$192,951.89	\$68,074.70	\$60,183.08	\$87,396.64	\$2,946.96	\$266,511.97	\$678,065.24
**Cash balance Aug. 31, 1922.....						2,131.02	2,131.02
Total cash.....	\$192,951.89	\$68,074.70	\$60,183.08	\$87,396.64	\$2,946.96	\$268,642.99	\$680,196.26
(Payments carried forward)							

Total cash.....	\$192,951.89	\$68,074.70	\$60,183.08	\$87,396.64	\$2,946.96	\$268,642.99	\$680,196.26
Transfers authorized by Board of Trustees. Added to the Cash Statement by the Treasurer to show condition by Departments:							
To Medicine.....	\$ 1,080.00	.....	.....	.....	.....	\$22,772.34	\$23,852.34
To Administration.....	65,185.00	\$21,728.00	.....	.....	.....	.....	86,913.00
To Adm. Mortgage.....	.....	21,141.49	.....	.....	.....	.....	21,141.49
To Adm. Real Estate.....	19,314.81	.....	.....	.....	.....	.....	19,314.81
Surplus.....	\$278,531.70	\$110,944.19	\$60,183.08	\$87,396.64	\$2,946.96	\$291,415.33	\$831,417.90
Overdraft.....	\$12,250.50	\$1,543.28	.....	\$4,434.78	\$469.03	\$18,697.68	.....
	\$290,782.29	\$112,487.47	\$60,183.08	\$91,831.42	\$3,415.99	\$272,717.65	\$831,417.90

\*\* At intervals during the year 1921-22, surplus cash of the General Fund was invested in Government securities drawing a higher rate of interest than the bank deposit, to the amount of \$140,402.00, and a portion of these securities was sold, as needed, to the amount of \$85,049.37, leaving a net investment belonging to the General Fund, at the close of the year of \$53,352.63. Properly, this investment of surplus cash in liquid securities should be considered as cash on hand at the close of business on August 31, 1922, in addition to the \$2,131.02 reported above.



TRUST ACCOUNTS

## REPORT OF THE TREASURER

## EXHIBIT "M."

## TRUST FUNDS

As at August 31, 1922.

## GENERAL ENDOWMENT FUNDS.

Permanent funds, principal to be invested and income only to be used, for support of the general work of the University.

*Subscription Gifts Endowment Fund, 1845-1851:*

Fund raised by authority of the Trustees of Columbian College by general subscription between the years 1845 and 1851, as a permanent endowment for the support of the College. (Formerly called the Poindexter Endowment Fund.)..... \$12,525.56

*Withers Endowment Fund:*

Fund raised by authority of the Trustees of Columbian College between the years 1851 and 1870, for increasing the endowment fund of the College; John Withers of Alexandria, Virginia, giving \$16,100, and the balance being obtained by general subscription. (Formerly called the Forty Thousand Dollar Endowment Fund.).. 26,891.46

*Corcoran Endowment Fund:*

Fund raised by authority of the Trustees of Columbian College and Columbian University between the years 1871 and 1886, to be forever held inalienable, and not to be diminished by use for the support of the institution, but the whole amount to be invested, in the discretion of the Trustees and according to their best judgment, and the interest thereon, or the income therefrom to be used for the current expenses and support of the institution; William W. Corcoran, of Washington, D. C., giving \$112,000, and the balance being obtained by general subscription (\$189,048.75 of this fund invested in Deed of Trust on Medical and Hospital Lands and Buildings)..... 218,314.92

*Syms Endowment Fund:*

Bequest of Samuel Robert Syms, of West Hoboken, New Jersey, in 1891, to Columbian University, to be applied by the Trustees toward the endowment of the College proper..... 1,500.00

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\$259,231.94

## PROFESSORSHIP ENDOWMENT FUNDS.

Permanent funds, principal to be invested and income only to be used, for support of professorships as specified by the donors.

*Congressional Professorship Endowment Fund:*

Donation by the United States, in 1832, by Act of Congress, of \$25,000 in city lots in Washington, D. C., to be sold and the proceeds invested as a capital, the dividends or interest to be used and applied, in aid of other revenues of Columbian College, to the establishment and endowment of such professorships therein "as now are, or hereafter shall be, established by the Trustees;" (appropriated to the extent of \$6,295.77 by vote of the Board of Trustees to the support of the Professorship of English)..... \$105,362.95



*Elton Professorship Fund:*

Bequest of Rev. Romeo Elton of Exeter, England, in 1872, to be applied for the foundation of a professorship of mental and moral philosophy in Columbian College, to be called the Elton Professorship of Mental and Moral Philosophy..... \$14,508.19

*Alumni Professorship Fund:*

Gifts of various alumni since 1911, for the endowment of an Alumni Professorship of Mathematics, the amount to be invested and the interest only to be used for the professorship..... 829.49

\$120,700.63

## SPECIFIC ENDOWMENT FUNDS.

Permanent funds, principal to be invested and income only to be used, for designated purposes specified by the donors (other than support of professorships) incidental to, or connected with, the general work of the University.

## Scholarship Funds:

*Walker Scholarship Fund:*

Gift of William Walker, of Putnam County, Georgia, in 1824, for the endowment of a scholarship..... \$2,500.00

*Withington Scholarship Fund:*

Gift of the Board of Trustees of the New York Baptist Theological Seminary, on behalf of John Withington of New York, in 1829, for the purpose of endowing a scholarship in Columbian College, to be named the Withington Scholarship..... 1,953.13

*Morehouse Scholarship Fund:*

Gift of A. Morehouse, of Washington, D. C., in 1861, to Columbian College, with the design of adding to its ability to furnish gratuitous instruction to indigent students for the Christian ministry..... 1,500.00

*Kendall Scholarship Fund:*

Gift of Amos Kendall, of Washington, D. C., in 1869, to Columbian College on behalf of Calvary Baptist Church in the City of Washington, to purchase a classical scholarship; the Trustees of Public Schools in the City of Washington, and their successors, to have the perpetual privilege of selecting from said schools one pupil annually to fill said scholarship, and the pupils so selected each to be entitled to instruction in said College, for the term of six years, free of charge for tuition, use of library, and apparatus, or for any other privilege allowed to paying students of the same grade..... 5,959.61

*Davis Scholarship Fund:*

Gift of Isaac Davis, of Worcester, Massachusetts, in 1869, the income to be appropriated to some student pursuing his collegiate course in Columbian College under certain conditions..... 1,000.00

*M. M. Carter Scholarship Fund:*

Gift of Mrs. Maria M. Carter, of Washington, D. C., in 1871, to Columbian College, to found a scholarship for some deserving young man..... 1,000.00

*Founders of Columbian Women Scholarship Fund:*

A fund established by the "Columbian Women" of George Washington University, in 1920, to provide scholarships for women in Columbian College. . . . . \$2,770.00

*Woodhull Scholarship Fund:*

Gift of Ellen M. E. Woodhull, of Washington, D. C., the income to be used for scholarships. . . . . 600.00

*Byron Andrews Memorial Scholarship Fund:*

A fund founded by Mrs. Belle Fisk Andrews, in memory of her husband, Byron Andrews, to provide scholarships "for ambitious and needy students, in English, Latin Journalism, History, Literature or Political Science". . . 3,000.00

*David Spencer Scholarship Fund:*

Devise in trust of real estate in Knox County, Illinois, the income to constitute an educational fund which under certain conditions shall be used to aid in defraying the expenses of designated students at the University. . . . . 18,135.00

*Farnham Scholarship Fund:*

Gift of Mrs. Robert Farnham, of Washington, D. C., in 1871, to Columbian College for a scholarship in the College. . . . . 1,000.00

*Powell Scholarship Fund:*

Devise of real estate by Rear Admiral Levin M. Powell, of Washington, D. C., in 1886, to Columbian University for the free education of young men by way of preparation for entrance into the Naval Academy at Annapolis, or to fit them to become mates and masters in the Merchant Marine Service of the United States. . . 30,000.00

*Mary Lowell Stone Scholarship Fund:*

Gift of an anonymous person in memory of Miss Mary Lowell Stone, in 1893, to Columbian University for scholarships for needy women students in science in the Department of Arts and Sciences. . . . . 2,000.00

*H. H. Carter Scholarship Fund:*

Gift of Mrs. Maria M. Carter, of Washington, D. C., in 1896, in memory of her husband, Henry Harding Carter, to Columbian University, as a foundation for scholarships in civil engineering in Columbian College. . 5,000.00

*Nellie Maynard Knapp Scholarship Fund:*

Gift of the Columbian Women, in 1915, in memory of Mrs. Nellie Maynard Knapp, to George Washington University, for scholarships for women in the Department of Arts and Sciences. . . . . 5,000.00

\$81,417.74

**Medical School and Hospital Funds:***Cooper Medical Research Fund:*

Bequest of Mrs. Eleanor J. Cooper, of Washington, D. C., in 1905, to Columbian University on certain terms since modified by the Supreme Court of D. C., as follows: The income to be devoted towards the establishment and maintenance, in connection with the Medical Department of George Washington University, of a Research Laboratory, the work of this laboratory to be devoted to the investigation of the nature, causation, prevention, and cure of malaria and other infectious and contagious diseases. . . . . \$10,000.00



*National Park Seminary Hospital Endowment Fund:*

Gift of students of National Park Seminary, of Forest Glen, Maryland, in 1906, to George Washington University, for the endowment of a bed in the University Hospital..... \$500.00

*Woodbury Hospital Endowment Fund:*

Bequest of Miss Ellen deQ. Woodbury, of Washington, D. C., in 1909, to George Washington University, for the reception and treatment of female patients in the hospital belonging to or connected with the University. 9,583.33

*Chapman Hospital Endowment Fund:*

Bequest of Mrs. Susanna A. Chapman, of Washington, D. C., in 1911, to George Washington University, to be used for the purposes of the free wards of the University Hospital..... 1,350.90

*Tree Hospital Endowment Fund:*

Bequest of Lambert M. Tree, of Chicago, Illinois, in 1911, in memory of his mother, Mrs. Laura M. Tree, to Columbian University, for the purpose of establishing one or more beds in perpetuity in the University Hospital to be known as the "Laura M. Tree bed or beds"..... 10,000.00

*Reinhardt Hospital Fund:*

Bequest of Mrs. Luisa Wynne Reinhardt of Washington, D. C., in 1922, to the University Hospital, to be used for the benefit of the Hospital, as directed by the Board of Trustees..... 500.00

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\$31,934.23

**Prize Funds:***Davis Prize Fund:*

Gift of Isaac Davis, of Worcester, Massachusetts, in 1847, to Columbian College, for prizes to be awarded annually to such members of the senior class as shall have made the greatest progress in elocution since their connection with the College..... 700.00

*Ruggles Prize Fund:*

Gift of William Ruggles, of Washington, D. C. (a professor in Columbian College and at one time Acting President), in 1859, to Columbian College, for a prize to be awarded annually for excellence in mathematics. . 500.00

*Staughton-Elton Prize Fund:*

Gift of Rev. Romeo Elton, of Exeter, England, in 1860 and 1865, to Columbian College, for prizes to be awarded annually for excellence in the Latin and Greek languages; one to be called the Staughton prize in Latin, the other the Elton prize in Greek..... 500.00

*Fitch Prize Fund:*

Gift of James E. Fitch, of Washington, D. C., in 1883, to Columbian University in memory of Willie E. Fitch, for a gold prize to be assigned annually under the auspices of the Scientific School..... 1,000.00

*Walsh Prize Fund:*

Gift of Thomas F. Walsh, of Washington, D. C., in 1901, to Columbian University, for a gold medal to be awarded annually for excellence in Irish history..... 300.00

*Cutter Prize Fund:*

Gift of Marion Kendall Cutter, of Washington, D. C., in 1902, to Columbian University, in memory of E. K. Cutter, for a prize to be awarded annually for excellence in the study of English..... 1,000.00

*Hubbard Prize Fund:*

Gift of Mrs. Gertrude M. Hubbard, of Washington, D. C., in 1907, to George Washington University in memory of her husband, Gardiner G. Hubbard, for a prize to be awarded annually to the student in the undergraduate department of the University who, having maintained throughout four years a high standing in the classes of American history, may be required to present the best essay upon an assigned topic in this subject. .... \$1,000.00

*Ordronaux Prize Fund:*

Bequest of John Ordronaux, of Glen Head, N. Y., in 1909, to George Washington University, for the establishment of biennial prizes in the Law and Medical Departments. .... 4,762.50

*Sterrett Prize Fund:*

Gift of Rev. J. Macbride Sterrett, in 1911, to George Washington University, in memory of his son, J. Macbride Sterrett, Jr., for a gold medal to be awarded annually to the student obtaining highest average in physics. .... 200.00

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\$9,962.50

## ENDOWMENT RESTORATION FUND.

Non-permanent fund, principal and income usable for the purposes specified.

*Endowment Restoration and Accretion Fund:*

A fund created by the Board of Trustees, October 10, 1917, without limitation of time or amount, to provide means for the restoration of principal of Endowment Funds used for current expenses prior to August 31, 1910. After such restoration has been effected from the fund or from any other source, the fund to be called General Endowment Accretion Fund, open and perpetual, the income only to be used for University purposes. .... \$2,595.62

## ALUMNI ENDOWMENT FUND.

Permanent fund, principal to be invested and income to be used, for support of the general work of the University.

*Alumni Endowment Fund:*

A fund established by the senior class of 1920, as a testimonial of grateful appreciation, to be added to by succeeding graduating classes, the income only to be used for the general welfare of the University, as directed by the Board of Trustees. .... \$382.00

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Total Endowment Funds. .... \$506,224.66



## EXECUTORY TRUST FUNDS

Non-permanent funds, principal and income usable for the purposes specified by the donors, each trust terminating on its execution.

**Executory Trust Funds not Confined to Building Purposes:**

*Denman Law School Fund:*

Bequest of Hampton Y. Denman, of Washington, D. C., in 1904, to Columbian University, for the use and benefit of the Law Department..... \$8,565.55

*Jacques Law School Fund:*

Bequest of Mrs. Mary Emma Jacques, of Washington, D. C., in 1912, to George Washington University, to be used in such manner as the Trustees may direct for the Law School..... 5,405.40

*Jacques Medical School Fund:*

Bequest of Mrs. Mary Emma Jacques, of Washington, D. C., in 1912, to George Washington University, to be used in such manner as the Trustees may direct for the Hospital of the University..... 5,605.86

*Mayer Hospital Fund:*

Bequest of Theodore J. Mayer, of Washington, D. C., in 1967 (received in 1916), to George Washington University, for the benefit of the University Hospital..... 4,681.29

24,258.10

**Building Funds:**

*Law School Building Fund:*

Gifts of various persons towards a fund authorized by the Trustees of the University May 31, 1916, for purchasing a site and erecting a Law School building. . . \$910.41

*General Building Fund:*

Gifts of various persons toward a fund authorized by the Trustees of the University May 31, 1916, for purchasing sites, buildings and equipment, remodeling or rebuilding, and paying off obligations. This is an open subscription fund, to be continued and increased indefinitely..... 9,542.85

*Chemistry Building Fund:*

Gifts of various persons towards a fund, principal and interest usable for a Chemical Laboratory Building..... 123.83

10,577.09

Total Executory Trust Funds..... \$34,835.19

Total Trust Funds..... \$541,059.85

## EXHIBIT "N."

## ENDOWMENT FUNDS INVESTMENTS

As at August 31, 1922.

## STOCKS.

American Telephone and Telegraph Co.:	
6 shares of stock.....	\$708.00
Chicago, Rock Island and Pacific Railway Co.:	
40 shares of 7 per cent Preferred Stock.....	4,000.00

## BONDS.

Chicago, Rock Island and Pacific Railway Co.:	
\$24,000 4 per cent First and Refunding Mortgage Bonds, due 1934.....	20,959.17
*Chicago, Rock Island and Pacific Railway Co.:	
\$10,000 4 per cent Collateral Trust Bonds, due 2002.....	8,094.72
Virginia Railway Co.:	
\$300 5 per cent First Mortgage Gold Bonds, Series "A," due 1962.....	297.38
Washington Railway and Electric Co.:	
\$4,500 4 per cent Consolidated Mortgage Gold Bonds, due 1951.....	3,631.25
Potomac Electric Power Co.:	
\$15,000 5 per cent Consolidated Mortgage Gold Coupon Bonds, due 1936.....	15,025.00
City of New Brunswick, New Jersey:	
\$3,000 4 per cent Sinking Fund Bonds, due 1922.....	3,000.00
City of Medford, Massachusetts:	
\$3,000 4 per cent Sewerage Loan Bonds, due 1924.....	3,000.00
\$2,100—Liberty Loan Bonds—Second Series.....	2,100.00
\$10,100 Liberty Loan Bonds—Third Series.....	9,724.75
\$1,950 Liberty Loan Bonds—Fourth Series.....	1,950.00
\$15,000 U. S. Certificates of Indebtedness.....	15,046.88

## TRUST NOTES.

Thomas R. Marshall Note:	
Secured by deed of trust on part of lot 5, square 253, and lot 70, block 30, in Columbia Heights; interest $5\frac{1}{2}$ per cent; due May 5, 1925.....	5,000.00
Washington Sanitary Improvement Company Notes:	
Secured by deed of trust on lots in squares 509, 552, 615, 617 and 674; interest 6 per cent; due June 9, 1923.....	11,000.00
Agnes Plunkett Notes:	
Secured by deed of trust on part of lot 12, square 11, in Meridian Hill; interest 6 per cent; due February 4, 1923..	200.00
Arthur T. Ramsey and Judith L. Steele Notes:	
Secured by deed of trust on lots, 21, 22, 23 and part of lot 9, block 32, Columbia Heights; interest 6 per cent; due March 20, 1923.....	3,000.00
E. J. W. Revell Note:	
No. Five of seven, secured by deed of trust on lot 40, square 44, University Park, interest 7 per cent; due September 9, 1923. Held by American Security and Trust Co., Trustees of Byron Andrews Memorial Scholarship Fund.....	3,000.00
Interest in \$350,000 note payable to Washington Loan and Trust Co., Fiscal Agent of George Washington University, Trustee of Endowment Funds, secured by deed of trust, executed by the University to National Savings and Trust Company, Trustee, December 1, 1910, on Medical and Hospital Lands and Buildings; 1335, 1339, and 1341 H Street, N. W., without interest; due on or before December 1, 1920.....	323,430.23

\* To secure these bonds the University has received 100 shares of Chicago, Rock Island and Pacific Railway Co. common stock.



## TRUST ACCOUNTS

29

## Exhibit "N"—Continued.

## REAL ESTATE.

## Congressional Endowment:

Part lot 10, square 13.....	\$3,813.50
Lot 12, square 13.....	3,715.00
Lot 13, square 13.....	3,270.00
Lot 9, square 16.....	2,594.20
Lot 5, square 87.....	8,532.00

\$21,924.70

Powell Endowment, 1707 I Street N. W.....	30,000.00
Chapman Endowment, Hyattsville.....	125.00
Corcoran Endowment, sub-lot 148, square 672.....	1,151.66
Spencer Farm.....	18,135.00

\$504,503.74

## SUMMARY.

Stocks.....	\$4,708.00
Bonds.....	67,782.27
United States Certificates.....	15,046.88
Trust Notes.....	345,630.23
Real Estate.....	71,336.36

\$504,503.74

Cash on hand for Investment, August 31, 1922, Exhibit "A.".....	1,720.92
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Total Endowment Funds, Exhibit "M".....\$506,224.66

## Exhibit "O"

## EXECUTORY TRUST FUNDS INVESTMENTS

As at August 31, 1922.

## BONDS

\$2,200 Liberty Loan—Fourth Series.....	\$2,209.86
\$11,000 Victory Loan.....	10,705.76
U. S. Steel Corporation:	
\$3,000 5% Sinking Fund Gold Coupon Bonds,	
due 1963.....	3,060.00
Metropolitan Railroad Co.:	
\$1,000 5% 1st Mortgage Gold Bond, due 1925.....	1,070.00
Potomac Electric Power Co.:	
\$2,000 5% Consolidated Mortgage Gold Cou-	
pon Bonds, due 1936.....	2,028.75
Washington Gas Light Co.:	
\$1,000 5% General Mortgage Gold Bond, due	
1960.....	1,105.00
Washington Railway and Electric Co.:	
\$1,000 4% Consolidated Mortgage Gold Bond,	
due 1951.....	860.00

\$21,039.37

## TRUST NOTES

## Rita Weller Notes:

Secured by deed of trust on lots 16 to 34 and 36 to 44, square 849, int. 7%; due October 25, 1924.....	5,000.00
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## MISCELLANEOUS

Interest in General Property of the University.....	7,179.32
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Total investments.....	33,218.69
Cash on hand for Investment, August 31, 1922.....	1,616.50

Total Executory Trust Funds—Exhibit "M".....\$34,835.19

EXHIBIT "P."  
**ENDOWMENT AND EXECUTORY TRUST FUNDS, INCOME AND EXPENSE.**  
 For the year ended August 31, 1922.

	Balance Aug. 31, 1921.		Year ended Aug. 31, 1922.		Balance Aug. 31, 1922.	
	Debit.	Credit.	Expense.	Income.	Debit.	Credit.
<i>Endowment Funds:</i>						
Congressional Professorship of English Fund		\$244.00	\$244.00	\$304.59		\$304.59
Corcoran Endowment Fund		1,116.36	1,116.36	1,327.73		1,327.73
Alumni Endowment Fund		14.07		16.31		30.38
Elton Professorship Fund		919.07		211.51		1,130.58
Alumni Professorship of Mathematics Fund		142.64		40.12		182.76
Founders of Columbian Women Scholarship Fund		97.90	97.90	106.85		106.85
David Spencer Scholarship Fund		902.10		982.57		1,884.67
Withington Scholarship Fund		147.53	60.00	18.39		105.92
Kendall Scholarship Fund		334.61	334.61	217.55		217.55
Davis Scholarship Fund	\$65.88			1.95	\$63.93	
Powell Scholarship Fund		140.80	1,764.28	3,691.70		2,068.22
Ellen M. E. Woodhull Scholarship Fund		23.28		29.02	206.25	52.30
H. H. Carter Scholarship Fund	206.25				1.23	
M. M. Carter Scholarship Fund		38.77	40.00			294.20
Byron Andrews Memorial Scholarship Fund		342.95	279.06	230.25		38.77
Farnham Scholarship Fund		38.77				352.00
Nellie Maynard Knapp Scholarship Fund		372.38	262.10	241.72		772.89
Mary Lowell Stone Scholarship Fund		852.89	80.00			1,310.11
Cooper Medical Research Fund		2,095.94	1,269.25	483.42		320.49
National Park Seminary Hospital Endowment Fund		296.30				463.28
Woodbury Hospital Endowment Fund		447.66	447.66	463.28		59.28
Chapman Hospital Endowment Fund		108.08	108.08	483.42		483.42
Tree Hospital Endowment Fund		477.12	477.12	33.86		81.61
Davis Prize Fund		57.75	10.00		40.50	
Ruggles Prize Fund	40.50		50.00	11.42		725.17
Fitch Prize Fund		763.75		14.52		296.84
Walsh Prize Fund		282.82				



## TRUST ACCOUNTS

31

Cutter Prize Fund.....	82.08	50.00	48.36	80.44
Hubbard Prize Fund.....	.....	50.00	48.36	.....
Sterrett Prize Fund.....	79.38	.....	12.00	91.38
Ordronaux Prize Fund.....	425.25	100.00	196.33	521.58
Staughton-Elton Prize Fund.....	19.41	15.75	.....	3.66
<i>Executory Trust Funds:</i>				
Mayer Hospital Fund.....	.....	233.82	233.82	.....
Denman Law School Fund.....	.....	81.16	81.16	.....
Law School Fund.....	.....	69.83	69.83	.....
Jacques Law School Fund.....	.....	324.43	324.43	.....
Jacques Medical School Fund.....	.....	271.63	271.63	.....
Law School Building Fund.....	.....	217.98	217.98	.....
General Building Fund.....	2.58	624.07	626.65	.....
Endowment Restoration and Accretion Fund.....	92.52	207.96	115.44	.....
Administration Building Fund.....	39.29	.....	.....	39.29
Chemistry Building Fund.....	.....	7.50	7.50	.....
Less: Balances.....	\$323.27	\$8,894.58	\$11,247.14	\$13,345.96
Net Balances.....	.....	.....	8,894.58	321.61
	\$10,671.79		\$2,352.56	\$13,024.35

## Summary.

Unexpended Income, Cash on Hand September 1, 1921.....	\$10,671.79
Income for Year:	
Endowment Funds.....	\$9,298.70
Executory Trust Funds.....	1948.44
	11,247.14
	21,918.93
Expenses for the year:	
Endowment Funds.....	6,856.20
Executory Trust Funds.....	2,038.38
	8,894.58
Unexpended Income, Cash on Hand August 31, 1922.....	\$13,024.35





## **Form of Bequest**

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### **FOR EXECUTORY ENDOWMENTS.**

"I give and bequeath to the GEORGE WASHINGTON UNIVERSITY, of Washington, D. C., the sum of .....dollars, free from legacy duty or tax, the same to be used as its Board of Trustees may determine."

### **FOR GENERAL ENDOWMENTS.**

"I give and bequeath to the GEORGE WASHINGTON UNIVERSITY, of Washington, D. C., the sum of .....dollars, free from legacy duty or tax the principal to be invested, and the income only to be used as its Board of Trustees may determine."





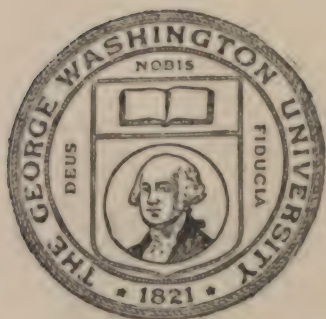
VOLUME XXI

NUMBER 4

# George Washington University Bulletin

UNIVERSITY NUMBER

DECEMBER, 1922



PUBLISHED BY THE UNIVERSITY AT WASHINGTON, D. C., MARCH,  
JUNE, OCTOBER AND DECEMBER

Entered October 6, 1904, at Washington, D. C., as second-class  
matter under the Act of Congress of July 16, 1894





## FOREWORD

For the information of the Alumni and former students and other friends of the George Washington University, the following statements about the various departments of the University are published.

## THE UNIVERSITY

### ADMINISTRATION

Dr. William Miller Collier was appointed Ambassador to Chile in the summer of 1921, and resigned the Presidency of the University. The Board of Trustees appointed Dean Howard L. Hodgkins President, to serve until a permanent President was elected.

### STUDENT ATTENDANCE

During the World War there was a great increase of civil service employees in Washington, and the number of part-time students in the University greatly increased. At the same time many of the full-time students entered the military service, or, where not eligible for military service, entered into civilian employment in the government service. As a result, the attendance of full-time students greatly decreased.

Since the close of the war, and in spite of a decrease of nearly fifty thousand civil service employees in Washington, there has been a large increase in student attendance in the University.

During the fall term of this year the University has registered 4,439 students, and the new registrations for the second term will probably make the total for the session over 4,800. When the registration for the Summer School is added, the total for the year will be at least 6,000.

At this time there are over 1,300 full-time students in the University.

### FINANCIAL

There has been no deficit in running expenses since 1910. On the contrary, with a moderate surplus each year, the University has been able to add to its capital account, to add many men and women to its Faculties, and to increase salaries of members of the Faculties in every department.

The net assets have increased each year and now total over \$1,400,000.00.

In the financial reorganization about 1910, the University sold all buildings used for educational purposes except the Medical and Hospital buildings, and moved into rented quarters. Since then, it has acquired buildings, partly by gift but mainly by purchase, for the use of the Law School and of Arts and Sciences, together with considerable adjacent land available for additional buildings. There are still some purchase-mortgages on some of these buildings, but the University's equity in this acquired real estate is about \$350,000.00.

### EDUCATIONAL STANDING

The educational work is recognized by other Universities, and students transferring are given hour-for-hour credit for work done here.

The College is classified as an "A" College. The Medical School is ranked as an "A" school. The Law School is a member of the Association of American Law Schools.

### FACULTY STANDING

The total membership of the teaching staff is about 280. Of these 65 give their entire time to the University, and the others give part time. Over twenty per cent of the entire teaching staff, and over thirty per cent of the full-time teaching staff are listed in the two notable books of biography, *Who's Who in America*, and *American Men of Science*.

## NEEDS

The University needs additional funds for endowment and for buildings. While it has three times as many classrooms as it possessed ten years ago, it could use twice as many rooms as it now has. There is large demand for additional courses in many lines of work, but the University cannot give these courses for lack of room.

It needs money for endowment so that salaries can be increased, and additions made to the teaching staff. The salaries now paid should be increased from twenty-five to fifty per cent. Members of the Faculty, through loyalty and interest in their work here, have refused offers at increased salaries at other Universities, and this University should be in a position to offer them salaries more nearly adequate to their merits.

## ARTS AND SCIENCES

The Department of Arts and Sciences comprises:

- The Graduate School
- Columbian College
- College of Engineering
- Teachers College
- Summer School

The growth of this Department has been phenomenal. In 1910-11, it had 681 students, which was 53.3 per cent of the total enrollment in the University. This year it has registered 3,243 students which is 73.1 per cent of the total enrollment. Its teaching staff consists of 41 full-time and 50 part-time Faculty members, together with about 50 student assistants who aid in the laboratories, in keeping attendance records, in reading themes, and the like. There are 307 class and laboratory sections having 840 meetings each week, an average of 140 each day.

The removal of the offices of the President, Secretary, Treasurer and Registrar to the Woodhull Building, has made available several additional class-rooms. Two buildings on 20th Street, which are owned by the University but had been rented to tenants, have been adapted for college uses. Three floors in one of them are used by the classes in Home Economics, which, started only a year ago, now have about 180 enrolled students. The other building gives additional class-rooms and offices.

There is still great need of more class-rooms, to provide for the increasing enrollment in the courses now offered, and to permit the establishment of new courses for which there have been many requests. An apartment house adjoining the present class-room buildings was purchased by the University this fall, and it is probable that it will be converted into a class-room building for use next fall.

It has been the desire of the University for several years to increase the amount of work offered in economics, political science, commerce and business administration. Perhaps this work may be organized into a School of Public Service and Business Administration. To this end, there have been some additions to the Faculty. But to give all the courses desired, it will be necessary to appoint several more men on the teaching staff, and obtain at least six or eight more class rooms. Competent teachers can be had, several hundred students can be had, but the serious trouble is to obtain class-rooms.

Adjoining its present Arts and Sciences buildings, is vacant land owned by the University and suitable for a new building. A generous donor is needed.

## MEDICAL DEPARTMENT

Improvement in the Medical Department has shown marked advance during the past year.

In the MEDICAL SCHOOL the instruction is on a more satisfactory basis than ever before and the equipment of the different laboratories has



been very materially increased. The library has had a considerable addition of new books and in the museum, by the employment of a full-time technician, specimens are now being so placed and card catalogued that they are directly available for inspection and teaching purposes.

The laboratories have been greatly bettered through the installation of instruments heretofore not had, so giving them facilities which bring them into direct clinical relation with the University Hospital. The laboratory of Chemistry is now able to do all clinical chemical examinations, including the most difficult estimations in blood chemistry; the Physiological Laboratory is able to make metabolic estimations for differential diagnosis and blood tracings in cardiac diseases; the laboratory of Bacteriology and Pathology is fully equipped for all bacteriological and pathological examinations. In consequence, the facilities of our laboratory for teaching, as well as for making all necessary clinical findings for patients, are without question more fully developed than those in any other laboratories or hospital in the city. The establishment of a clinical correlation between the teaching laboratories and the hospital has long been desired on account of the great need not only for furnishing patients all available clinical findings but that the medical students may be brought into direct contact with material from clinical cases. Our laboratory teachers are fully alive to the desirability of cooperation between laboratory teaching and clinical medicine and are all enthusiastically engaged in the required examinations and findings.

In regard to the student body, the reduction in matriculation caused by increased standards is now more than made up. Last year our matriculation for the freshmen class was 75 and this year 80, as against 23 in 1918, when the two year college requirement was first instituted. While 80 students were matriculated this year, this number does not represent the number of qualified applicants but expresses only the very maximum capacity of our Medical School for the freshman class. Nearly thirty applicants, fully qualified, were refused admission for the reason that the capacity of the school was reached. The total number enrolled in the medical school is 184. This is the largest number since 1907, the last year of night teaching. The junior and senior classes are still rather small in numbers, due to the increased entrance standards, but when the students in the present classes are graduated, the following classes will materially increase in size. The maximum capacity of the school is 228 and this number will probably be reached in about three years. This number will tax the facilities of the school to the utmost and it is hoped that an increase in room facilities for the Department of Arts may liberate space greatly needed in the medical school building.

The Reserve Officers' Training Corps Unit, established by the War Department, in the Medical School and in charge of a Major of the Medical Corps of the Army, detailed by the Secretary of War for that duty, is now in its second year of operation. Its conduct has been highly successful and 105 students are now enrolled, membership in it having been taken by nearly all students who by fact of citizenship and physical fitness are eligible to avail themselves of its opportunities.

The establishment of the Unit and the detailing of a Medical Officer of the Army to duty with it has put our school in intimate touch with Army Medical Corps facilities, such as the Museum and Library and the clinical facilities at Walter Reed General Hospital.

The standing of our graduates before state medical examining boards continues to be excellent. During the past year the average number of failures before state boards for all medical schools in the United States was 12.4%, while our percentage of failures was but 3.1% or exactly  $\frac{1}{4}$  the general average.

Our percentage of failures was less than that of some notable schools. The University of Michigan has 6.2% failures, the University of Pennsylvania 5.3%, Columbia University 4% and Harvard 3.6%.



The COOPER RESEARCH LABORATORY in the Medical School is now definitely placed on a working basis and through the able original work of Dr. E. R. Whitmore, Professor of Bacteriology, has made a material contribution to science regarding the action of malarial parasites, which contribution was published in *The American Journal of Tropical Medicine*, September, 1922.

The UNIVERSITY HOSPITAL personnel and equipment is now better than ever before. A retired medical officer of the Army (Major E. G. Northington), conversant with hospital methods, has been secured as Superintendent. The Hospital has long needed a person at its head who was both a graduate in medicine and a capable executive and manager of finances. The medical service in the hospital through influence upon the Resident, Interns and Nurses, is best where the Superintendent is a graduate in medicine and this betterment is now secured in our hospital. This with the linking up of the teaching laboratories in the school with the clinical facilities of the hospital before mentioned has brought about a condition considered medically ideal.

The TRAINING SCHOOL FOR NURSES has had no lack of applicants for training. Herein we are more fortunate than most other hospitals in the city and we believe the fact that we have an adequate number of applicants is due to the nurses training school being directly connected with, and a part of a medical teaching institution. The graduate teaching force in the training school has been increased and new facilities introduced to the end that the school may meet all requirements.

The DISPENSARY has been improved by additions to the attending personnel and by installation of additional clinical equipment. In consequence the attendance of indigent sick is large and steadily increasing.

IN SUMMARY, the improvement in the Medical Department which was interrupted by the great war, has, due to the support given by the authorities of the University, been resumed and is being carried forward in accord with the steady forward progress of science in medicine.

## THE LAW SCHOOL

The Law School has announced an advancement in its entrance requirements to the effect that after September 1, 1923, it will require of all candidates for degrees the completion of one year of college work, and that after September 1, 1925, it will require of such candidates two years of college work. This change was proposed by a unanimous vote of the Law Faculty and heartily approved by the Trustees.

This step has been taken by the University with a feeling of assurance that in this way it can render a greater service to the public and its students. From the public the demand is for better trained lawyers rather than for a larger number; from the individual student the demand is for a training such as is essential to success in a crowded and scholarly profession. There are exceptional men without college training who are capable of studying law and succeeding in its practice, but there is no satisfactory criterion by which to identify them in advance, and rules for admission must be framed with the interest of the greatest number in mind.

A study of legal education was recently made by a committee of eminent lawyers representing the American Bar Association. The chairman of this committee was Hon. Elihu Root. After giving the matter of entrance requirements careful thought, that committee recommended that every candidate for admission to the bar should be a graduate from a law school which requires, among other things, two years of college work for admission. The recommendation of that committee was adopted by the American Bar Association and so represents a consensus of opinion in the profession at large.

There are numerous instances of men who have succeeded in the legal profession without either college or law school education, but it should be



noted that they are men who came to the bar in an earlier generation when a man with college education was exceptional.

The case method of instruction, now in vogue at George Washington University Law School, presupposes a more thorough preparatory training than is necessary in schools still using the lecture and text methods. The case method calls for power of comprehension and reasoning far greater than is necessary in a school where the sources of law are predigested and dogmatically expounded.

Our faculty has under advisement the matter of recommending a longer course for employed students. This matter is deserving of careful thought. On one hand, we should require no less of an employed student than we do of an unemployed student. There is no charity in tempering the course for anyone. The employed student, like any other, cannot hope to succeed without thorough preparation. In proportion as his daily mastery and assimilation of legal principles is reduced by his employment, his course should be lengthened. On the other hand, we should not require more of the employed student than that he make up such deficiency as his employment has caused. There is a tendency on the part of some educators to reckon this deficiency unduly high. In comparing the employed with the unemployed, it is by no means fair to assume that the unemployed student is studying all the time the employed one is working. It is a well-known fact that unemployed students do many things with their time besides study. Care should be taken, therefore, lest we discriminate against the man who spends some time working and in favor of the man who spends his time otherwise. A student's achievements during study hours should not be shrunk because he works at other hours. To do so would smack strongly of aristocracy.

To what extent the course may be lengthened for the employed student has not been determined. The advance will perhaps leave it possible to complete the course in three years by taking one or more summer terms. The guiding policy is well settled. We shall keep our standards high. The course will be of such extent that a competent full-time student can cover it in three years. Such additional time may be exacted of the employed students as will insure that his course equals the three-year course of the full-time student. The time necessary to do this will be calculated as accurately as may be and with no disposition to penalize the employed student.

This is the third year the Law School has been in its new home at 1435 K Street. The building has class-rooms seating nearly 1,200; eight offices besides the business office; a large, well-lighted library, and two rest rooms. Our Law Library, containing more than 9,000 volumes, is open and available to students each day from 9 a. m. to 11 p. m., and on Sundays from 2 to 6 p. m. Our furniture, while plain, is in good repair, and in so far as utility is concerned, is of the most approved type. In the class-rooms movable chairs and desks have supplanted the old tablet-arm chairs. Our location combines the advantage of being one of the most beautiful in Washington with being easily accessible. On the whole, our physical equipment is adequate and creditable. The school has developed to much greater size than would have been possible in its former rented quarters in the Masonic Temple. The registration for the past five years has been as follows:

1917-18.....	350
1918-19.....	431
1919-20.....	752
1920-21.....	898
1921-22.....	1,045

Registration for the past five summer sessions has been as follows:

1918.....	79
1919.....	207
1920.....	270
1921.....	470
1922.....	378

## SUMMARY OF DEGREES CONFERRED, 1922

### IN COURSE

<i>Columbian College</i>			
Bachelor of Arts.....	150		
Bachelor of Science in Medicine.....	4		154
<i>College of Engineering</i>			
Bachelor of Science—			
In Architecture.....	1		
In Chemistry.....	5		
In Chemical Engineering.....	2		
In Civil Engineering.....	4		
In Electrical Engineering.....	1		
In Mechanical Engineering.....	5		18
<i>Teachers College</i>			
Bachelor of Arts and Bachelor's Diploma in Education.....			36
<i>Medical School</i>			
Doctor of Medicine.....	15		
Nurses' Certificate.....	7		22
<i>Law School</i>			
Bachelor of Laws.....	156		
Master of Laws.....	12		168
<i>College of Pharmacy</i>			
Bachelor of Science in Pharmacy.....			1
<i>School of Graduate Studies</i>			
Civil Engineer.....	1		
Master of Science.....	21		
Master of Arts.....	46		
(3 with Master's Diploma in Education)			
Doctor of Philosophy.....	12		
(1 with Doctor's Diploma in Education)			
			80
Degrees in Course.....			479

### HONORARY

Master of Arts.....	1		
Doctor of Divinity.....	1		
Doctor of Science.....	1		
Doctor of Humane Letters.....	1		
Doctor of Laws.....	1		5

Total number of Degrees conferred..... 484

## SUMMARY OF REGISTRATION, DECEMBER, 1922

School of Graduate Studies.....	288
Columbian College.....	2,057
Engineering College.....	509
Teachers College.....	389
Medical School.....	184
Law School.....	989
School of Pharmacy.....	23
	4,439



